

classes must conform as nearly as practicable to the semester organization of the institution. The general tuition fee is \$22.50 for one semester hour. The minimum total tuition fees collected from any one extension class is \$150.00. Each student when enrolling must pay a \$5.00 registration fee. Extension credits are recorded in the office of the College Registrar. Fees are payable at the organization meeting of the class. In no case may a class meet the third time until the entire class payment is made. No fees will be refunded.

EXAMINATION.—Final examinations are always required where credits or certificates are sought.

APPLICATION FOR EXTENSION CLASSES.—All correspondence pertaining to the organization of extension classes should be addressed to the Dean of the College.

CORRESPONDENCE COURSES

Kentucky State College co-operates with the University of Kentucky (Lexington) in offering extension and correspondence courses. For further information write "The Department of University Extension, University of Kentucky."

THE BULLETIN

KENTUCKY STATE COLLEGE
VOL. 11 FRANKFORT, KY. NO. 3

Catalogue Edition

FOR THE TWO YEARS

1955-57

Approved as a Standard Class "A" Four-Year College by the
Southern Association of Colleges and Secondary Schools



KENTUCKY STATE COLLEGE
FRANKFORT, KENTUCKY

Important for Prospective Students

1. Make room reservation early.
2. Have high school transcripts as well as credits earned at other colleges forwarded to the Registrar.
3. Enter on time.

FIFTY-SEVENTH
CATALOGUE EDITION

**KENTUCKY STATE
COLLEGE**

How to Address Correspondence

For information concerning rooms, please write:

FRANKFORT

Office of the Dean of Men (Men).

Office of the Dean of Women (Women).

For inquiries concerning transcripts, admission, courses of study, bulletins, etc., write:

Office of the Dean and Registrar.



For information concerning student employment, write:

Chairman, Committee on Scholarships and Part-Time Employment.

Announcements for
1955-56
1956-57

YEARLY CALENDAR

1955

SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER										
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S				
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	8	9	10	11	12	13	1	2	3		
4	5	6	7	8	9	10	2	3	4	5	6	7	8	6	7	8	9	10	11	12	4	5	6	7	8	9	10	11	12	13	
11	12	13	14	15	16	17	9	10	11	12	13	14	15	13	14	15	16	17	18	19	11	12	13	14	15	16	17	18	19	20	
18	19	20	21	22	23	24	16	17	18	19	20	21	22	20	21	22	23	24	25	26	18	19	20	21	22	23	24	25	26	27	
25	26	27	28	29	30	31	23	24	25	26	27	28	29	27	28	29	30	25	26	27	28	29	30	31	25	26	27	28	29	30	31

1956

JANUARY							FEBRUARY							MARCH							APRIL									
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S			
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3
8	9	10	11	12	13	14	5	6	7	8	9	10	11	4	5	6	7	8	9	10	8	9	10	11	12	13	14	15	16	17
15	16	17	18	19	20	21	12	13	14	15	16	17	18	11	12	13	14	15	16	17	15	16	17	18	19	20	21	22	23	24
22	23	24	25	26	27	28	19	20	21	22	23	24	25	18	19	20	21	22	23	24	22	23	24	25	26	27	28	29	30	31
29	30	31	1	2	3	4	26	27	28	29	30	31	1	25	26	27	28	29	30	29	30	27	28	29	30	31	29	30	31	1
MAY							JUNE							JULY							AUGUST									
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S			
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3
6	7	8	9	10	11	12	3	4	5	6	7	8	9	8	9	10	11	12	13	14	5	6	7	8	9	10	11	12	13	14
13	14	15	16	17	18	19	10	11	12	13	14	15	16	15	16	17	18	19	20	21	12	13	14	15	16	17	18	19	20	21
20	21	22	23	24	25	26	17	18	19	20	21	22	23	22	23	24	25	26	27	28	19	20	21	22	23	24	25	26	27	28
27	28	29	30	31	1	2	24	25	26	27	28	29	30	25	26	27	28	29	30	31	23	24	25	26	27	28	29	30	31	1
SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER									
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S			
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3
2	3	4	5	6	7	8	7	8	9	10	11	12	13	4	5	6	7	8	9	10	2	3	4	5	6	7	8	9	10	11
9	10	11	12	13	14	15	14	15	16	17	18	19	20	11	12	13	14	15	16	17	9	10	11	12	13	14	15	16	17	18
16	17	18	19	20	21	22	21	22	23	24	25	26	27	18	19	20	21	22	23	24	16	17	18	19	20	21	22	23	24	25
23	24	25	26	27	28	29	28	29	30	31	1	2	3	25	26	27	28	29	30	31	23	24	25	26	27	28	29	30	31	1

1957

JANUARY							FEBRUARY							MARCH							APRIL									
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S			
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3
6	7	8	9	10	11	12	3	4	5	6	7	8	9	3	4	5	6	7	8	9	7	8	9	10	11	12	13	14	15	16
13	14	15	16	17	18	19	10	11	12	13	14	15	16	10	11	12	13	14	15	16	14	15	16	17	18	19	20	21	22	23
20	21	22	23	24	25	26	17	18	19	20	21	22	23	17	18	19	20	21	22	23	21	22	23	24	25	26	27	28	29	30
27	28	29	30	31	1	2	24	25	26	27	28	29	30	24	25	26	27	28	29	30	28	29	30	31	1	2	3	4	5	6
MAY							JUNE							JULY							AUGUST									
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S			
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3
5	6	7	8	9	10	11	2	3	4	5	6	7	8	7	8	9	10	11	12	13	4	5	6	7	8	9	10	11	12	13
12	13	14	15	16	17	18	9	10	11	12	13	14	15	14	15	16	17	18	19	20	11	12	13	14	15	16	17	18	19	20
19	20	21	22	23	24	25	16	17	18	19	20	21	22	21	22	23	24	25	26	27	18	19	20	21	22	23	24	25	26	27
26	27	28	29	30	31	1	23	24	25	26	27	28	29	28	29	30	31	1	2	3	25	26	27	28	29	30	31	1	2	3

KENTUCKY STATE COLLEGE

Frankfort, Kentucky

THE COLLEGE CALENDAR

1955-56

FIRST SEMESTER

1955

September 12-13

Monday and Tuesday—Freshman Orientation.
September 12—Program begins 8:30 A. M.
Attendance required of all Freshmen.

September 14

Monday—Practice School opens.

Wednesday—8:00 A. M.-4:30 P. M.—Registration for all students, Jackson Hall. After 4:30 P. M. students who are accepted for registration must pay a late registration fee.

Friday—Instruction begins—8:00 A. M.

Thursday—Last day of registration for credit, 12:00 noon.

Friday—Last day one may drop a course without a grade.

Tuesday—Founders Day.

Friday—English Proficiency Examination—7:00 P. M.-9:00 P. M.

Wednesday and Thursday—Mid-Semester examinations.

Wednesday—Thanksgiving Holiday begins, 12:00 noon.

Monday—Classes resumed, 8:00 A

February 1	Wednesday—Instruction begins, 8:00 A. M.
February 7	Tuesday—Last day of registration for credit, 12:00 noon.
February 22	Wednesday—Last day one may drop a course without a grade.
March 16	Friday—English Proficiency Examination—7:00 P. M.—9:00 P. M.
March 28-29	Wednesday and Thursday—Mid-Semester examinations.
April 10	Tuesday—Last day Seniors may file application for degree.
April	Wednesday—K.T.A. (To be announced.)
May 18	Friday—Annual Musical Recital, 8:00 P. M.
May 19	Saturday—Junior-Senior Prom.
May 21-22	Monday and Tuesday—Senior examinations.
May 23	Wednesday—Commencement Exercises, Practice School.
May 22-23-24-25	Tuesday, Wednesday, Thursday, and Friday—Final examinations for all students except graduating Seniors.
May 25	Friday—Practice School closes.
May 26	Saturday—Senior Class Day.
May 26	Saturday—Alumni Day.
May 27	Sunday—Baccalaureate Sermon, 3:30 P. M.
May 27	Sunday—President's Reception to Seniors, 6:00 P. M.—8:00 P. M.
May 28	Monday—Commencement Exercises, 10:30 A. M.

KENTUCKY STATE COLLEGE

Frankfort, Kentucky

THE COLLEGE CALENDAR

1956-57

FIRST SEMESTER

1956		
September 17-18	Monday and Tuesday—Freshman Orientation.	September 17. Program begins 8:30 A. M. Attendance required of all Freshmen.
September 17	Monday—Practice School opens.	
September 19	Wednesday—8:00 A. M.-4:30 P. M.—Registration for all students, Jackson Hall. After 4:30 P. M. students who are accepted for registration must pay a late registration fee.	
September 21	Friday—Instruction begins—8:00 A. M.	
September 27	Thursday—Last day of registration for credit, 12:00 noon.	
October 11	Thursday—Founders Day.	
October 12	Friday—Last day one may drop a course without a grade.	
November 2	Friday—English Proficiency Examination—7:00 P. M.-9:00 P. M.	
November 14-15	Wednesday and Thursday—Mid-Semester examinations.	
November 21	Wednesday—Thanksgiving Holiday begins, 12:00 noon.	
November 26	Monday—Classes resumed, 8:00 A. M.	
December 3-6	Monday through Thursday — Pre-registration: Second Semester for Freshmen and Sophomores.	
December 21 1957	Friday—Christmas Holiday begins, 5:00 P. M.	
January 7	Monday—Classes resumed, 8:00 A. M.	
January 25, 28-29-30	Friday, Monday, Tuesday, Wednesday — Final examinations for all students.	

1956-57

SECOND SEMESTER

February 5	Tuesday—8:00 A. M.-4:30 P. M.—Registration for all students, Jackson Hall. After 4:30 P. M. students who are accepted for registration must pay a late registration fee.
February 6	Wednesday—Instruction begins, 8:00 A. M.
February 12	Tuesday—Last day of registration for credit, 12:00 noon.

February 27	Wednesday—Last day one may drop a course without a grade.
March 23	Friday—English Proficiency Examination—7:00 P. M.-9:00 P. M.
April 3-4	Wednesday and Thursday—Mid-Semester examinations.
April 9	Tuesday—Last day Seniors may file application for degree.
April	Wednesday—K.T.A. (To be announced.)
May 24	Friday—Annual Musical Recital, 8:00 P. M.
May 25	Saturday—Junior-Senior Prom.
May 27-28	Monday and Tuesday—Senior examinations.
May 28-29-30-31	Tuesday, Wednesday, Thursday, and Friday—Final examinations for all students except graduating Seniors.
May 29	Wednesday—Commencement Exercises, Practice School.
May 31	Friday—Practice School closes.
June 1	Saturday—Senior Class Day.
June 1	Saturday—Alumni Day.
June 2	Sunday—Baccalaureate Sermon, 3:30 P. M.
June 2	Sunday—President's Reception to Seniors, 6:00 P. M.—8:00 P. M.
June 3	Monday—Commencement Exercises, 10:30 A. M.

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PART I
GOVERNMENT
CONTROL
ORGANIZATION

GOVERNMENT AND CONTROL

Under the provision of legislation enacted by the 1952 General Assembly of Kentucky, the control of Kentucky State College is vested in a Board of Regents. This Board is composed of the State Superintendent of Public Instruction, elected for a term of four years, and four lay members, appointed by the Governor for overlapping four-year terms.

BOARD OF REGENTS

WENDELL P. BUTLER, Superintendent of Public Instruction,
Chairman

NELSON O'NEAL, Lexington
Term Expires April 1, 1957

EARL E. PRUITT, Louisville
Term Expires April 1, 1958

W. P. SULLIVAN, Frankfort
Term Expires April 1, 1956

JOHN FRED WILLIAMS, Ashland
Term Expires April 1, 1959

THE BOARD OF REGENTS

The external government and control of the college is vested in the Board of Regents. The said Board shall adopt such rules and regulations for the government of the school and guidance of the employees as it may deem proper.

THE PRESIDENT OF THE COLLEGE

Immediate executive control of the college is effected through the president, the executive agent appointed by the Board. Subject to the control of the Board, he shall have general supervision of all educational and business affairs of the institution and of all disciplinary problems which may arise.

THE EXECUTIVE COUNCIL AND INSTRUCTIONAL FACULTY

The internal government of the institution is in the hands of the faculty who act through the Executive Council and Instructional Faculty. The Executive Council, consisting of the president, dean and registrar, business manager, dean of students, librarian, deans of men and women, and five members

elected by the general faculty, exercises jurisdiction over cases of discipline and the formation of all general policies of the college, other than matters purely of an academic nature. The Executive Council is the highest internal governing body of the college.

The Instructional Faculty, consisting of the president, dean and registrar, heads of departments, and teachers, is charged with the formulation and direction of general academic policies and practices of the college. On matters of a purely academic nature, the Instructional Faculty is the final internal source of authority.

GENERAL ADMINISTRATION

RUFUS BALLARD ATWOOD

A. B., Fisk University; B. S., Iowa State College; M. A., University of Chicago; LL. D. (Hon.) Lane College; D. Ed. (Hon.) Monrovia College, Monrovia, W. Africa. Kentucky State College, 1929—
President

DAVID H. BRADFORD

A. B., University of Michigan; M. A., University of Michigan; Ph. D., University of Chicago. Kentucky State College, 1935—
Dean and Registrar

ANN JACKSON HEARTWELL

A B., University of Illinois; M. A., Columbia University. Kentucky State College, 1933-42; 1947—
Dean of Students

WILLIAM WARREN JONES

B. S., Johnson C. Smith College; M. S., Cornell University; Advanced Study, University of Michigan and University of Indiana. Kentucky State College, 1929—
Associate Professor and Acting Head of Department of Mathematics and Physics, College Chaplain

ALFRED W EASON

A. B., Clark College; M. S., Indiana University. Kentucky State College, 1948—
Business Manager

JAMES R. O'ROURKE

A. B. Talladega College; B. L. S., Atlanta University; Advanced Study, University of Kentucky. Kentucky State College, 1949—
Librarian

A. J. RICHARDS

A. B., State University of Iowa; M. A., State University of Iowa; Ph. D., University of Iowa. Kentucky State College, 1929—
Assistant Registrar

ELLA B. SCOTT

Attended Kentucky State College. Kentucky State College, 1947—
Assistant Business Manager and Bookkeeper

ARCHIE L SURRETT

B. S., Arkansas A. M. and N. College; M. S., Michigan State College. Kentucky State College, 1948—
Instructor, Department of Agriculture; Counselor of Men

ALMA LOUISE ALLEN

B S., University of Colorado. Kentucky State College, 1945—
Secretary of Duplication

MARGARET R. BAKER

B. S., Winston-Salem Teachers College; Ed. M., North Adams Teachers College. Kentucky State College—

Part-time Library Clerk

DR. T. B. BIGGERSTAFF

D. D. S., Meharry Medical College, Kentucky State College, 1943—
Part-time School Dentist

AURORA P. EDWARDS

B. S., Kentucky State College. Kentucky State College, 1953—
Director of Atwood Hall

HETTIE J. ELLIS

A. B., Simmons University. Kentucky State College, 1952—
Director of Chandler Hall

ANITA M. FIELDS

Attended Kentucky State College and Columbia University. Kentucky State College, 1929-43, 1948—
Recorder, Office of Dean and Registrar

JOE CATHERINE GRAY

B. S., Kentucky State College. Kentucky State College, 1952—
Secretary to Dean of Students

ODESSA GREEN

A. B., Kentucky State College. Kentucky State College, 1952—
Part-time Director of Kentucky Hall

SADIE MAE JASON

A. B., Fisk University; M. A., Fisk University. Kentucky State College, 1949—
Director of McCullin Hall

MARY P. LYNEM

A. B., Kentucky State College. Kentucky State College, 1940—
Clerk-Typist, Business Office

MARGARET M. MONIE

Attended Freedman's Hospital. Kentucky State College, 1948—
Nurse's Aid

CATHYN MOODY

B. S., Tennessee State College. Kentucky State College, 1947—
Cashier and Payroll Clerk

HENRIETTA ANDERSON MORRIS

B. S., Virginia State College. Kentucky State College, 1950—
Clerk-Typist, Office of Dean and Registrar

VALADA L. MOSES

B. S., Kentucky State College. Kentucky State College, 1954—
Secretary to the Business Manager

SHERWOOD NEWSOME

B. S., A. & T. College. Kentucky State College, 1954—
Manager of the College Grill

CLAUDE A. ORTON, JR.

B. S., Central State College. Kentucky State College, 1954—
Processing Clerk in Business Office

VIVIAN A. RAINES

B. S., Kentucky State College. Advanced Study, Indiana University. Kentucky State College, 1953—
Dietitian

JAMES W. REED

Certificate, St. Helena Commercial College. Kentucky State College, 1955—
Student Accounts Clerk

ALLIE MAE RICHARDS

A. B., Kentucky State College. Kentucky State College, 1945—
Part-time Director of Chandler Hall

JESSIE P. ROACH

A. B., Kentucky State College. Kentucky State College, 1941—
Director of Kentucky Hall

BETTIE B. SAUNDERS

R. N., Community Hospital, Wilmington, North Carolina. Kentucky State College, 1954—
Head Nurse

WILLIAM T. SIMMONS

B. S., Kentucky State College. Kentucky State College, 1948—
Secretary to President

CLARA WEBB SMITH

B. S., Tennessee State College. Kentucky State College, 1945—
Secretary to Dean and Registrar

DR. WILLIAM S. SNYDER, JR.

A. B., College of William and Mary; M. D., University of Chicago; Master of Surgery, University of Pennsylvania. Kentucky State College, 1954—
School Physician

DOROTHY B. STORY

A. B., Lane College. Kentucky State College, 1949—
Cafeteria Clerk

RUNYON M. STORY

B. S., Kentucky State College. Kentucky State College, 1948—
Farm Superintendent

ANN C. SURRETT

B. S., Hampton Institute, Kentucky State College, 1953—
Cafeteria Clerk

ZUELIA S. WAITERS

Kentucky State College, 1953—

*Clerk-Typist, Office of the
Dean and Registrar*

ROBERT D. WILLIAMS

A. B., Kentucky State College; Advanced Study, Indiana University. Kentucky State College, 1953—

Superintendent of Buildings and Grounds

LILLIAN T. WRIGHT

B. S., Alabama State Teachers College. Advanced Study, Atlanta University. Kentucky State College, 1949—*Part-time Library Clerk*

FACULTY

RUFUS BALLARD ATWOOD

A. B., Fisk University; B. S., Iowa State College; M. A., University of Chicago; LL.D. (Hon.), Lane College; D. Ed. (Hon.), Monrovia College, Monrovia, W. Africa. Kentucky State College, 1929—
President

DAVID H. BRADFORD

A. B., University of Michigan; M. A., University of Michigan; Ph. D., University of Chicago. Kentucky State College, 1935—

*Dean and Registrar;
Professor and Head of Department, History and Government*

LLOYD E. ALEXANDER

B. S., University of Michigan; M. S., University of Michigan; Ph. D., University of Rochester. Kentucky State College, 1949—
Professor and Head, Department of Biology

MABEL C. ATWOOD

B. S., Ohio State University. Kentucky State College, 1950—
Part-time Instructor, Department of Music

HARRY B. BAKER

A. B., Oberlin College; B. M., Syracuse University. Kentucky State College, 1948—

Assistant Professor and Acting Head, Department of Music

JAMES B. BROWN

A. B., Lincoln University; A. M., Columbia University; Advanced Study, University of Chicago. Kentucky State College, 1948—
Assistant Professor, Department of Chemistry

M. P. CARMICHAEL

A. B., Samuel Huston College; Ph. B., University of Chicago; M. A., University of Chicago; Advanced Study, Columbia University. Kentucky State College, 1930—

Associate Professor and Acting Head, Department of Sociology and Economics

HENRY E. CHEANEY

A. B., Kentucky State College; M. A., University of Michigan; Advanced Study, University of Chicago. Kentucky State College, 1936—

Assistant Professor, Department of History and Government

MAZIE BOCLAIR CROLEY

A. B., Kentucky State College; M. S. in Education, University of Kentucky. Kentucky State College, 1954—

Critic Teacher of Primary Grades

THEODORE R. DAILEY

A. B., Wilberforce University; M. A., Indiana State Teachers College; Advanced Study, University of Chicago. Kentucky State College, 1937—

Associate Professor and Director of Teacher Training, Department of Education

RUBY F. DIXON

B. S., Prairie View State College; M. A., in Education, University of Kentucky. Kentucky State College, 1948—

Instructor of Music

WILLIAM L. DIXON

B. S., Morehouse; M. S., Atlanta University; Advanced Study, University of Kansas and University of Iowa. Kentucky State College, 1944—

Associate Professor, Department of Biology

GEORGE EDWARDS

A. B., Kentucky State College; M. A. in Education, University of Kentucky. Kentucky State College, 1947—

*Instructor, Department of Physical Education
and Head Coach of Football*

HELEN C. EXUM

A. B., Talladega College; A. M., University of Michigan; Advanced Study, University of Oklahoma. Kentucky State College, 1952—

Instructor, Department of English

WILLIAM EXUM

B. S., University of Wisconsin; M. S., University of Wisconsin; Advanced Study, New York University. Kentucky State College, 1949—

Associate Professor and Acting Head, Department of Physical Education and Assistant Coach of Football

JOSEPH G. FLETCHER

B. S., Hampton Institute; M. A., Cornell University; Advanced Study, Columbia University. Kentucky State College, 1945—

*Associate Professor, Department of English
and Coach of Basketball*

WINONA LEE FLETCHER

A. B., Johnson C. Smith University; M. A., State University of Iowa. Kentucky State College, 1951—52; 1953—

Instructor, Department of English

ANNA J. FOX

B. S., Hampton Institute; Ed. M., St. Louis University. Kentucky State College, 1953—

Instructor, Department of Home Economics

HENRY A. GREEN

B. M., West Virginia State College; M. A., West Virginia University. Kentucky State College, 1948—

Assistant Professor, Department of Music

HOYT HOWARD HARPER

B. S., Albany State College; M. S. in Ed., Indiana University; M. A., Atlanta University. Kentucky State College, 1950—

Assistant Professor, Department of Education

JAY ROYCE HAWKINS

B. S., Kentucky State College; M. S., Indiana University. Kentucky State College, 1954—

Instructor, Department of Physical Education

ANN JACKSON HEARTWELL

A. B., University of Illinois; M. A., Columbia University; Advanced Study, Northwestern University and University of Cincinnati. Kentucky State College, 1933-42; 1947—

Associate Professor, Department of Education

EMILIE S. HIGH

B. S., Tuskegee Institute; M. A., Ohio State University. Kentucky State College, 1954—

Instructor, Teacher-Trainer, and Acting Head of Department of Home Economics

MINNIE JOHNSON HITCH

A. B., Kentucky State College; M. A., Ohio State University; Advanced Study, University of Chicago. Kentucky State College, 1939—
Principal of Rosenwald Laboratory School

HELEN F. HOLMES

A. B., Bucknell University; M. A., Columbia University; Advanced Study, Ohio State University and New York University. Kentucky State College, 1943—

Associate Professor and Acting Head, Department of English

ESSIE REYNOLDS HUME

B. S., A. & T. College; M. A., Columbia University. Kentucky State College, 1951—

Instructor, Department of Physical Education

CLARENCE R. JACKSON

B. S., Kentucky State College; M. S., Indiana University. Kentucky State College, 1954—

Instructor, Department of Physical Education

RICHARD L. JAMES

B. S., Hampton Institute; M. Mus., University of Michigan. Kentucky State College, 1951—

Instructor, Department of Music

HOWARD M. JASON

A. B., Lincoln University; M. A., Columbia University; Advanced Study, Columbia University. Kentucky State College, 1938—

Assistant Professor, Department of Romance Languages

WINIFRED A. JENKINS

B. S., A. & T. College. Advanced Study, New York University. Kentucky State College, 1953—

Instructor, Department of Physical Education

WILLIAM WARREN JONES

B. S., Johnson C. Smith College; M. S., Cornell University; Advanced Study, University of Michigan and University of Indiana. Kentucky State College, 1929—

Associate Professor and Acting Head, Department of Mathematics and Physics

HENRY P. KEMP

B. S., Hampton Institute. Kentucky State College, 1952—

Instructor, Department of Vocational and Industrial Education

PAUL J. MANLY

B. S., A. M. and N. College, Arkansas; M. A., Michigan State College; Advanced Study, Michigan State College. Kentucky State College, 1943—

Assistant Professor, Teacher-Trainer, and Acting Head, Department of Agriculture

GEORGE O'ROURKE

A. B., Talladega College; M. A. in Education, University of Kentucky. Kentucky State College, 1950—

Part-time Instructor, Department of Biology

EUGENE D. RAINES

B. S., Howard University; M. A., Fisk University; M. A., Indiana University; Ph. D., Indiana University. Kentucky State College, 1938—
Professor and Head, Department of Chemistry

A. J. RICHARDS

A. B., State University of Iowa; A. M., State University of Iowa; Ph. D., State University of Iowa. Kentucky State College, 1929—
Professor and Head, Department of Romance Languages

WILBERT RODGERS

B. S., Kentucky State College; M. S., Ohio State University. Kentucky State College, 1954—

Instructor, Department of Agriculture

J. GARLAND SCHILCUTT

B. S., Indiana University; M. S., Indiana University. Kentucky State College, 1953—

Instructor, Department of Business Administration

W. FRANK SHAUNTEE

B. S., Knoxville College; M. S., Indiana State Teachers College; Advanced Study, Indiana State Teachers College. Kentucky State College, 1946—

Acting-Head, Assistant Professor, Department of Vocational and Industrial Education

PATTYE L. SIMPSON

A. B., Kentucky State College; M. A., Columbia University; Advanced Study, University of Cincinnati and McGill University. Kentucky State College, 1931—

Critic Teacher of Upper Grades
Associate Professor and Acting-Head, Department of Business Administration

CEE VEE HARRIS SMITH

B. S., Bradley Polytechnic Institute; M. A., New York University; Advanced Study, New York University. Kentucky State College, 1942—

Associate Professor and Acting-Head, Department of Business Administration

HAROLD S. SMITH

A. B., Kentucky State College; M. A., University of Wisconsin; Advanced Study, University of Wisconsin. Kentucky State College, 1936—

Associate Professor, Department of History and Government

PAUL PATRICK SULLIVAN

B. S., University of Kentucky. Kentucky State College, 1954—

Part-time Instructor, Department of Business Administration

ARCHIE L. SURRETT

B. S., Arkansas A. M. and N. College; M. S., Michigan State College; Advanced Study, Michigan State College. Kentucky State College, 1948—

Instructor, Department of Agriculture

ALBERTA TEMPLE

A. B., Washburn Municipal University; M. A., University of Iowa. Kentucky State College, 1949—

Instructor, Department of Home Economics

ALDRED VAN IRVIN

A. B., Fisk University; M. S., University of Michigan; Advanced Study, University of Illinois. Kentucky State College, 1952—

Assistant Professor, Department of Mathematics and Physics

ERNESTEIN WALKER

A. B., Spelman College; M. A., Atlanta University. Kentucky State College, 1954—

Instructor, Department of History and Government

CHARLOTTE E. WILSON

A. B., Knoxville College; M. A., Columbia University; Advanced Study, University of Chicago and University of California. Kentucky State College, 1935—

Assistant Professor, Department of Education

G. D. WILSON

A. B., Indiana University; M. A., Columbia University; Ph. D., Ohio State University. Kentucky State College, 1951—

Professor and Head, Department of Education

ARNOLD W. WRIGHT

B. S., Alabama State College; M. A., Atlanta University; Advanced Study, University of Wisconsin. Kentucky State College, 1936—

Assistant Professor, Department of Sociology and Economics

PART II
GENERAL INFORMATION

AIMS OF THE COLLEGE

The aims of the Kentucky State College are:

1. The training of teachers, administrators, and supervisors for the public educational system of the Commonwealth.
2. The training of workers in agriculture and home economics.
3. Preparation for entrance into graduate and professional study.

While emphasis is placed by the college upon these major aims, as was originally intended by the State, the institution is also attentive toward the training and development of qualities which are necessary for effective living in present-day society. To the end that its graduates may be trained for a complete and full life, the college offers a program of curricular and extra-curricular activities that includes the following objectives:

- a. acquisition and maintenance of sound health
- b. discovery and development of interests and aptitudes
- c. cultivation of an appreciation for beauty and nature
- d. application of ethical ideals in individual and economic relationships
- e. preparation for worthy home membership
- f. preparation for the proper use of leisure time
- g. cultivation of an appreciation for and an understanding of racial heritage
- h. preparation for social adjustment
- i. achievement of excellence in scholarship
- j. development of a Christian philosophy of life

HISTORY OF THE COLLEGE

Kentucky State College was founded as a result of an act passed by the General Assembly of Kentucky in 1886, providing for the establishment of a State Normal School for Colored Persons, as the institution was then named. This action had the approval of Governor J. Proctor Knott who signed the act on May 18, 1886. The people of Frankfort were keenly interested in having the institution located in their city and through their City Council a site and \$1,500.00 were donated toward that end.

In the next year, 1887, Jackson Hall, the oldest building on the campus, was erected on the site given by the Frankfort City Council. John H. Jackson, A.M., from Berea College, was elected as first president. The school opened its doors on October 11, 1887, with three teachers and fifty-five students enrolled during the first school year.

The consistent growth and development of the institution throughout its history have been marked by the following events:

In 1890 there were added the departments of Home Economics, Agriculture and Mechanics. In the spring of that year the school turned out its first graduates, a class of five. In 1893 there was organized a High School department. This expansion continued in the 20th century, both in name and program. In 1902 the name was changed to Kentucky Normal and Industrial Institute for Colored Persons, and the president was made an ex officio member of the Board of Trustees. In 1908 a Practice School was organized. The next year Hume Hall and Hathaway Hall were erected. In 1911 the school had its first Summer School. In 1921, through a gift from Mr. Julius Rosenwald, a new brick school was erected for Practice Teaching. In 1926 the name of the school was again changed to Kentucky Industrial College for Colored Persons and provisions made in the statutes that the President be elected for a term of four years. In 1938 the name was changed to Kentucky State College for Negroes. In 1952 the term "for Negroes" was dropped from the title of the institution and the General Assembly made the college an independent institution under its own Board of Regents.

The college has been under the direction of six presidents:

John H. Jackson, 1887-1898, 1907-1910; James E. Givens, 1898-1900; James S. Hathaway, 1900-1907, 1910-1912; G. P. Russell, 1912-1923, 1924-1929; F. M. Wood, 1923-1924 and R. B. Atwood, 1929—.

LOCATION

Kentucky State College is located in Frankfort, on a beautiful hill overlooking the city. Its campus consists of about thirty-five acres of rolling land, beautifully studded with evergreen and deciduous shade trees. Its farm, consisting of two hundred sixty-five acres of choice bluegrass land, adjoins the campus.

The Louisville and Nashville Railroad, carrying not only its own trains, but those of the Chesapeake and Ohio Railroad Company, passes through this farm.

The U. S. Highway No. 60 passes between the campus and farm, forming a dividing line between them. Entrances to both campus and farm are located on this thoroughfare.

BUILDINGS AND EQUIPMENT

GEORGE WASHINGTON CARVER HALL

In 1952 George Washington Carver Hall, a science-classroom building, was dedicated and placed in use. Facilities in this building include the following:

General Laboratory, Radio Laboratory, Dark Room, Research Laboratory, Stock Room and Staff Offices for Physics; General Laboratory, Bacteriology Laboratory, Histology & Cytology Laboratory, Research Laboratory, Stock Room and Staff Offices for Biology;

Inorganic & Quantitative Laboratory, Organic & Physical Laboratory, Inorganic & Qualitative Laboratory, Special Equipment Laboratory, Balance Room, Research Laboratory, Stock Rooms, Alcohol Vault and Staff Offices for Chemistry; Multi-purpose Lecture Hall seating 144; arranged for demonstration lectures; includes Projection Booth, Preparation Rooms and Laboratory Equipment;

Seven classrooms: Mathematics, Romance Languages, English, Sociology, History & Government and General Education; Offices for Department Heads and other members of the Faculty;

Mechanical Room, Electrical Room, Visual Aids, Toilet Rooms, Toilet Lounges and Service Closets.

The building is of complete fireproof construction and includes many modern features. It was erected at a cost of \$500,000.00.

CHANDLER HALL

Chandler Hall is a modern, three-story, fire-proof, brick dormitory for women, erected in 1939, and is now valued at \$319,818.00, with equipment valued at \$15,000.00. The first floor contains a lobby, reception room, office for the director, a small kitchenette and diner for the use of various clubs and sororities, apartment for the Director and 14 student rooms. The second floor contains a girls' lounge, reading room, pressing and drying room, beauty parlor, and 16 student rooms. The third floor contains 18 student rooms. The basement contains one large club room, and ample room for storing trunks. Bathrooms are located conveniently throughout the building.

KENTUCKY HALL

Kentucky Hall is a two-story, double-L shaped, modern, fire-proof, brick dormitory for women, which has a basement and sub-basement. It was erected in 1929 and is now valued at \$342,000.00 with equipment valued at \$18,000.00.

The building contains fifty-two student rooms, Director's apartment, office of the Dean of Students, and a student reception room. In the basement is the club room. In the sub-basement the College Grill is located. It is a restaurant lounge and general store combined. In this department are one large room which is equipped for serving food and handling general merchandise, a large store room, and the office of the managerial staff of the Grill. The college Book Store is also located here.

The Business Office is located on the ground floor of Kentucky Hall.

There is ample space in the attic for the storage of trunks.

JACKSON RECITATION HALL

Jackson Recitation Hall is a two-story, brick building of the German Castle style, erected in 1887, and is now valued at \$123,327.00. It was the first building erected at the institution. This hall serves as classroom building and contains on the first floor the office of the Dean and Registrar, and two lecture rooms. On the second floor are five lecture rooms.

UNDERWOOD REFECTORY

Underwood Refectory is a modern one-story building with a large basement, erected in 1940 and is now valued, with stationary equipment at \$257,118.00. This building has a seating capacity of 600. The main dining room is equipped with round tables with 8 seats to a table. Adjoining the main dining room is the office of the dietitian. There are lobbies and rest rooms for men and women students.

The kitchen is equipped with modern conveniences of steam, electricity, and gas, promoting thorough cleanliness and the most modern methods for the preparation of wholesome foods.

The basement houses the college ice plant and storerooms. All storerooms are equipped with refrigerator boxes and other modern conveniences for the preservation of fresh vegetables, poultry products, dairy products, and fresh and cured meats.

ATWOOD HALL

Atwood Hall is a modern, three-story, double-L shaped, fire-proof dormitory for men students. It was erected in 1935 and is now valued at \$354,000.00, with equipment valued at \$11,000.00.

The first floor contains 10 student rooms, 2 club rooms for students, a spacious lobby, a 5-room apartment for the Dean of Men, office for the Dean of Men and Director, two guest rooms, rooms for men teachers, linen closets, and centrally located bathrooms.

The second and third floors contain 30 bedrooms each, with 2 wardrobe closets, centrally located bathrooms, linen closets, janitor closets, and necessary halls and corridors. Ample space is provided in the trunk room for the storage of trunks.

McCULLIN HALL

This dormitory constructed in 1949 is the newest dormitory on the campus. It consists of three stories and a basement and is valued, with equipment, at \$373,985.00. In the basement there are a lounge, a Y. M. C. A. room, two trunk storage rooms, a billiard room, a barber shop, a kitchen, a laundry room and a room for visiting athletic teams, large enough to accommodate 40 persons. On the first floor are a director's office, a lobby, an apartment for the dormitory director, 19 bedrooms for students, two guest rooms, and two washrooms with showers. On each the second and third floors are located 28 bedrooms and two washrooms. The bedrooms have built-in closets and shelves in each room. There is a self operating elevator. The building is heated by radiant heating through the floor.

RUSSELL MEMORIAL HALL

Russell Memorial Hall is a three-story brick dormitory which contains on second and third floors sixteen rooms and two kitchens for women teachers. On the first floor there are two faculty apartments and a reception room for the teachers. The basement contains a faculty recreation room, a service kitchen, laundry and storeroom. The building was erected in 1920 and renovated in 1947. The building is valued at \$83,119.00, with equipment valued at \$5,000.

HOME ECONOMICS PRACTICE COTTAGE

The Home Economics Department operates a 7-room frame bungalow as a laboratory for home management classes. It contains 2 student bedrooms that accommodate 4 students, a bedroom for the director, living room, dining room, kitchen, bath, and front and back porches. This dwelling is neatly furnished and equipped with modern conveniences. It is valued with equipment at \$7,000.00.

HUME HALL

Hume Hall is a two-story, native Kentucky stone building, erected in 1909, and is now valued at \$155,930.00. It houses on the first floor, the office of the President and the Library. The second floor is the school auditorium with a seating capacity of 582.

THE LIBRARY

The college library is located on the first floor of Hume Hall. At present it contains an adequate collection of 22,500 volumes, selected on the basis of needs of the faculty and students. In addition to an adequate collection of books, the library holds a collection of films, filmstrips, slides, clippings, periodicals, recordings, government documents, pictures, and teaching materials distributed by industries. A school textbook collection used by students of education is also provided. A juvenile collection is maintained for use by pupils of the laboratory school. The library receives through

subscriptions and gifts, more than 250 periodicals and newspapers. The periodicals of greatest value for the curriculum are bound.

The library seeks to provide suitable atmosphere for study and to make its services contribute as effectively as possible to the total teaching program, and also to fill the needs for recreational reading of both students and faculty.

Library schedule: Monday through Thursday 8 a.m. to 9 p.m.; Friday 8 a.m. to 5 p.m.; Saturday 8 a.m. to 12 noon.

BELL GYMNASIUM

Bell Gymnasium is a brick building, erected in 1931 and is now valued at \$107,112.00. This building houses the department of Physical and Health Education. It has a basketball court, courts for various indoor games, a stage for dramatic presentations, projection equipment for moving pictures, offices for men and women instructors, dressing rooms, lockers, and showers for both men and women.

MUSIC HALL

This is a two-story home which has been converted into the Music Department for the college. The first floor contains an office for the Director, two studios and two practice rooms. Living quarters for a member of the Music faculty are contained on the second floor. The basement contains a heating unit and band practice room.

HATHAWAY HALL

Hathaway Hall is a two-story, native Kentucky stone building erected in 1909 and is now valued at \$146,166.00.

On the first floor are the Department of Agriculture and three lecture rooms. The entire second floor is used for the Department of Home Economics. There are clothing and food laboratories equipped with modern furnishings. The dining room adjoins the food laboratory. In addition there are one lecture room and the office for instructors of Home Economics.

In the basement of this building are housed the Maintenance and Repair Shop and the office of the Superintendent of Buildings and Grounds. The annex to this building houses the Army Military Reserve Unit.

BUSINESS-BIOLOGY BUILDING

This building is a war surplus building used primarily at present for instruction in business education. The first floor consists of two classrooms, a typing laboratory, a day room, and an office. A large room on the second floor is used as a center for visual-aid education. Also on the second floor are a seminar room and three offices for teachers. The building is valued with equipment at \$28,000.00.

INDUSTRIAL ARTS SHOP BUILDING

The Industrial Arts Shop Building was erected by the Federal Works Agency in 1947. The metal work laboratory is equipped with lathes, shapers, grinders, welding equipment, testing equipment and other modern machinery for metal work. The wood-work laboratory is equipped with lathes, sanders, power saws, other power equipment and numerous hand tools necessary for a modern wood-work shop. The radio shop is equipped with modern testing instruments and tools for radio and electronic testing and repairing. The building also has classrooms and an office for instructors. Rest rooms are conveniently located in this building.

FARM BUILDINGS AND EQUIPMENT

The farm dormitory is a dwelling built on the order of the old southern plantation home. It is conveniently located close to the campus and affords a picture of scenic beauty when seen from the campus over the rolling land. It has accommodations for twenty boys, apartment for the farm foreman, and one other apartment. This building is valued at \$30,000.00.

One large barn serves the school in general as shelter for its animals and storage for feed crops. Located on the farm is a milk processing plant valued at \$14,000.00. One large modern building houses the college poultry plant. There are several small poultry houses, hog houses, et cetera. The farm buildings are valued with equipment at \$75,000.00.

ROSENWALD TRAINING SCHOOL

A donation of \$1,200.00 by Julius Rosenwald of Chicago, supplemented by liberal contributions from the citizens of Franklin County, enabled the Trustees of the College to erect a modern rural school building which serves the three-fold purpose of a rural school, a practice school for teacher-training, and a community center. The building is of brick construction, and is heated by a furnace. Four acres of ground surround the building and are used for a playground.

ROSENWALD ELEMENTARY LABORATORY SCHOOL

This building was completed in 1954, at a cost of \$137,000.00 including the equipment. The building is one story and of brick and tile construction. The exterior is brick; the interior is glazed structural tile wainscoting and unglazed manganese spot above the wainscoting. The floors are concrete covered with asphalt tile blocks. The building has fluorescent lighting and adequate natural light for bright days. The ceilings are acoustically treated throughout. The building is heated by automatic gas furnace with radiant floor panels. Each room is provided with teachers closets and built-in steel lockers for pupils. There are three classrooms, library, and Industrial Arts room, Principal's office, kitchen, and cafeteria-

all-purpose-social room with a stage, tables and benches that fold into the wall when necessary. Each room has an outdoor, as well as a hall exit. The lower-grade rooms have activity alcoves.

PRESIDENT'S RESIDENCE

An eight-room, two-story brick dwelling with full basement, erected in 1919. It is now valued at \$15,000.00.

FACULTY APARTMENTS AND COTTAGES

In 1948 the James S. Estill and the James H. Ingram Apartments for faculty members were constructed. These two modern apartment buildings give the institution twelve additional family units along with apartments in the various dormitories and the several individual cottages the college possesses.

The two apartment buildings together with eight garages were erected at a cost of \$164,425.00. The total present value of faculty cottages and apartments, excluding those in the dormitories and the President's Residence is \$194,925.00.

BETTY WHITE INFIRMARY

This is an F. W. A. building erected at a cost of \$20,000.00 and containing \$5,000.00 worth of equipment. Located in it are offices for the school doctor and for the school dentist. There is also a ten-bed ward for men and the same for women, together with an apartment and office for the resident nurse.

PAUL W. L. JONES FIELD HOUSE

The Paul W. L. Jones Field House is a one-story, concrete block building with a basement, erected in 1941 by students gaining work experience under the National Youth Administration. In 1947, it was renovated and now contains locker and shower rooms for athletic equipment, a room for visiting teams and toilets for both men and women. It is now valued at \$20,000.00.

COLLEGE BOILER HOUSE

The College Boiler House, erected in 1939 is a one-story, brick, fireproof building with a smoke stack 150 feet high. It is equipped for high pressure steam production and supplies heat and hot water for the campus buildings.

Annexed to the Boiler House is the Plumbing and Heating Repair Shop. The shop is equipped with modern power machinery necessary for plumbing and heating repairs.

The Boiler House, with annex and equipment, is valued at \$132,620.00.

OUTDOOR RECREATIONAL FACILITIES

The college provides outdoor recreational facilities for men and women students. There are 7 asphalt and 4 clay tennis courts.

In the spring of 1950, a baseball diamond was constructed. Alumni Field was completely renovated in 1947, making it a modern football field surrounded by a running track. It is electrically lighted for night games.

SUMMARY

Along with the buildings named above, the college owns several smaller buildings. On March 1, 1954, the Industrial Appraisal Company of Pittsburgh, Pennsylvania, completed an evaluation report on all major buildings owned by the college. The present day value of buildings owned by the college is \$2,862,000.00.

The approximate inventory value of equipment owned by the college as of June 30, 1954, is \$400,000.00.

The estimated value of land owned by the college is \$112,000.00.

The value of improved areas and outdoor recreation facilities is \$200,000.00.

The present physical plant value including land, buildings and equipment is \$3,574,000.00.

STUDENT ORGANIZATIONS

Students find opportunities for expression and development through various voluntary student organizations. The following constitute a list of such organizations:

Alpha Kappa Mu Honor Society is designed to give recognition and encouragement to high scholarly attainment. Any student who is enrolled in any department of the College who maintains an average of 2.3 or better for four semesters of college work is eligible, to become a member of this society.

Omega Chapter of the Beta Kappa Chi Scientific Society was organized at Kentucky State College, October 14, 1946. The objective of this Society is the encouragement and advancement of scientific education, research and dissemination of scientific knowledge.

Class Organizations are known as freshman, sophomore, junior, and senior. They usually meet monthly and provide opportunities for all students of the college to participate in debating, parliamentary practice, and extemporaneous discussions. Each of them is under the direct sponsorship of a member of the faculty.

Departmental Clubs are sponsored by instructional departments of the college. These groups provide a nucleus for the interaction of classroom instruction and extracurricular experiences and offer wholesome outlets for creative expression. These clubs include the Biology Club, Business Administration Club, English Club, Home Economics Club, Health and Physical Education Club.

Dormitory Clubs are mediums through which students in the dormitories aid in the promotion of better living conditions. They are McCullin Hall Club and Atwood Hall Club for men students; Chandler Hall Club and Kentucky Hall Club for women students.

These clubs aim to better acquaint the residents with each other; to reach students who fail to participate in other extra-curricular activities; and through house government to build up patterns of self-control.

The International Relations Club. In 1937, the Department of History and Government with the cooperation of the Carnegie Endowment for International Peace organized an International Relations Club. This organization is open to all students interested in problems of international peace and good will. The Endowment regularly supplies the club with the latest books and pamphlets on international affairs. The club has proved to be a source of information and inspiration for many students.

Kentana Club for Senior Men Students. The purpose of this club is to promote honorable activities among men students; to promote higher scholarship and achievement on the part of the men students. Members are selected by the group. To become a member one must have at least a 1.5 average and must be outstanding in some extra-curricular activity. This club was organized in February, 1949.

The Modern Dance Group is open to men and women students seriously interested in advanced techniques in modern dance and in doing original work in dance composition under direction.

Musical Organizations. Brief descriptions of the musical organizations of the College follow:

The *College Choir* seeks to increase the general appreciation for good music in the campus community. Members of the choir provide music for assemblies and services on the campus. The *Concert Choir* is a special organization whose members are selected from the personnel of the college choir. This group gives concerts on and off the campus and provides music for radio broadcasts and other functions not served by the college choir.

The *College Band* furnishes an opportunity for participation for students who have previous performing experience on band instruments. The band is organized as a concert and marching unit. It presents concerts on the campus and in the community; and performs for the football and basketball games. Membership is open to both men and women.

The *String Ensemble* is an instrumental organization of chamber music proportions. Its purpose is to foster appreciation of music by means of interesting programs, participation in small ensemble groups, and assisting in attaining better community programs.

The *Kentucky State Collegians* is open to students who can play orchestral instruments in a dance band. The Collegians play for all student socials and dances.

Collegiate Chapter of *New Farmers of America* is designed primarily for training prospective teachers of vocational agriculture in their duties as local advisers of *New Farmers of America*.

The Future Teachers of America. The R. B. Atwood Chapter of the Future Teachers of America is the professional organization of students who are enrolled in the teacher education curriculum of the college. The purposes are to develop among young people who are preparing to be teachers an organization which shall be an integral part of state and national education associations. The local chapter encourages its members to participate in the campus activities which will contribute to the social and educational growth of future teachers.

Varsity K. An athletic organization composed of men and women who have been awarded letters in any of the recognized sports under the Athletic Department. Cooperativeness, initiative, leadership and good sportsmanship are some of the ideals fostered through this organization.

Veterans Club. A group made up of Ex-Service men. The purpose of this group is to promote and advance the general welfare of the school both on the campus and in the Veteran's respective communities. It is a social club providing an opportunity for veterans to get together and discuss matters of common interest to them.

WOMEN'S ATHLETIC ASSOCIATION

The purpose of this Association is to afford opportunities for participation in wholesome competitive recreational activities for women students. Through a wide variety of activities, the Association seeks to offer opportunity for women of the college to give healthful and creative expression to their activities.

FRATERNITIES AND SORORITIES

Beta Zeta Chapter of the Alpha Kappa Alpha Sorority was set up on Kentucky State College Campus February 25, 1933. The purpose of the sorority is to cultivate and encourage high ethical and scholastic standards among college women, and to establish unity and friendship among the more efficient college students, also among alumnae, keeping alive their interest in college life.

The Beta Mu Chapter of Alpha Phi Alpha Fraternity was set up on Kentucky State College campus April 28, 1933. This is a national organization, whose aims are for the promotion of the highest type of scholarship and manly deeds.

The Alpha Pi Chapter of the Delta Sigma Theta Sorority was organized at Kentucky State College April 30, 1934. This sorority aims to establish and maintain high standards of scholarship, morals and refinement among college women of a given calibre.

Psi Psi Chapter of the Omega Psi Phi Fraternity was set up at Kentucky State College November 9, 1934. It aims to promote a feeling of brotherhood and cooperation among college men.

Xi Lambda Chapter of the Phi Beta Sigma Fraternity was organized at Kentucky State College on February 13, 1935. It aims to promote among selected young men, brotherhood, scholarship and service.

The Alpha Upsilon Chapter of the Kappa Alpha Psi Fraternity was organized at Kentucky State College March 1, 1935. This fraternity aims at the highest achievement in scholarship, manly development of its members, and the general improvement of college life.

The Eta Alpha Chapter of the Zeta Phi Beta Sorority was set up on Kentucky State College campus April 20, 1935. The purpose of this sorority is to encourage "Finer Womanhood," scholarship and unity among the college students and alumnae.

The Sigma Gamma Rho Sorority was organized at Kentucky State College on April 11, 1947. The objectives of this sorority are to foster and encourage education and upright living in college women.

PANHELLENIC COUNCIL

The constitution of the Panhellenic Council sets forth the aims and purposes of that student organization as follows:

"To establish and develop a spirit of cooperation among the various fraternities and sororities on the campus, in order to foster a constructive program that will stimulate and guide each individual of the Greek letter organizations to follow the principles of fraternalism; and in order that the best interests of the college may be conserved."

STUDENT COUNCIL

Beginning with the academic year 1935-36, a Student Council became operative. The aims and purposes of the council as stated in its constitution are:

"To develop a spirit of cooperation on the campus, to encourage student initiative, to afford development through self-control and leadership, to create an intermediary between faculty and students in matters of general welfare, and to unite in forming an association of all the student body."

ATHLETICS

The college fosters a wholesome program of athletics. The major sports are inter-collegiate football, basketball, track and field, and tennis. Intramural athletics for all students are sponsored by the Department of Health and Physical Education. These activities

include volleyball, basketball, aerial darts, badminton, shuffleboard, ping pong, softball, horseshoe pitching, and track and field. The college is a member of the Mid-Western Athletic Association, and adheres strictly to the rules of this body.

DRAMATICS

The Kentucky State College Theatre gives opportunity for students with a talent for dramatics to participate in the production of several plays each year. These participants are known as the "Kentucky Players."

FORENSICS

Debate teams, for both men and women, are recognized in order to give students with this interest an opportunity. Inter-class debates are held annually, and debating teams are selected from these participants. Such teams participate in a number of inter-collegiate debates held during the year. Students of the college who demonstrate to the satisfaction of the coach of debate and members of the Edmund Burke Debating Society a competence in forensics, are admitted to membership in this organization.

PUBLICATIONS

The Kentucky Thorobred

The Kentucky Thorobred is a student publication issued under the general supervision of a faculty member. Dependent entirely upon voluntary student effort for its publication, it is issued at the convenience of interested students and when adequate funds are available.

Yearbook

A student yearbook in pictures covering college and student activities is issued and distributed each year by a staff of students under the supervision of a faculty adviser. Cost of this yearbook is included in the college fees.

THE COLLEGE MOVIE

Presentation of the best movies is a regular feature of the college program. Movies are shown from one to two times per week.

SOCIAL LIFE

Social intercourse, properly supervised, is encouraged and emphasized in the college. In all the entertainments provided for students, the aim is to develop properly the social side of life.

RELIGIOUS OPPORTUNITIES

Realizing the great advantage of training the heart as well as the head and hands of its young men and women, thus awakening and quickening their sense of responsibility for others, members of the Y. W. C. A. conduct a Sunday School for small children re-

siding on the campus and the neighborhood. A Y. M. C. A. and Y. W. C. A. are maintained. Aside from these the school holds mid-week religious services once a week and church services three times a month.

STUDENT EMPLOYMENT

Campus.—The institution employs a limited number as helpers in the dining hall, kitchen, dormitories, classroom buildings on the grounds and on the farm. This work is given to the most worthy and needy students. It frequently happens that students who must work their way through school are unable to carry a full schedule of classes, and this fact should be borne in mind when accepting a job. In the event there is a conflict between a student's job and his class work, the class load should be reduced.

City.—A number of students are able to secure work with families, boarding houses, and other places in the city. However, parents are cautioned against permitting their girls to work in the city, unless they fully understand the living conditions of the girl and the care and chaperonage which she will receive. Girls will be permitted to live in the city only on condition that they are living with relatives or that they are living under conditions approved by the institution.

GOVERNMENT AND DISCIPLINE

The general direction of collegiate affairs is in the hands of the President, the Dean and the Faculty of the college, with special problems being brought before the Executive Council. The Dean of Students has charge of all student activities. Conduct problems of a serious nature are referred to a Discipline Committee, subject to review by the Executive Council. Students showing themselves at variance with the rules of the college may be dismissed for the good of the institution. The Student Council was organized May, 1935. Its purpose is to cooperate with the administration in maintaining a high plane of student morale and discipline.

INFORMATION FOR BOARDING STUDENTS

STUDENT ROOMS

ROOMS FOR MEN STUDENTS

Atwood Hall, a dormitory for men, accommodating 140 men, is completely furnished, lighted by electricity, heated by steam, equipped with shower baths and is comfortable at all seasons of the year. All rooms accommodate two students.

McCullin Hall, completely equipped and furnished, will accommodate 150 men. All bedrooms have built-in closets and shelves and will accommodate two students. All rooms are radiant heated and lighted by electricity.

The institution maintains at all times a list of Frankfort homes offering rooms for men students. Information concerning these rooms will be furnished by the Dean of Students upon request.

ROOMS FOR WOMEN STUDENTS

Kentucky Hall, a women's dormitory, accommodates 107 students; 41 rooms are two-student rooms; 7 rooms are three-student rooms; 4 are one-student rooms. All rooms are steam heated, and lighted by electricity.

Chandler Hall, a dormitory for women students, contains 46 rooms and accommodates 92 women students. All rooms are steam heated and lighted by electricity.

Young women are expected to room on the campus when attendance does not exceed the capacity of the dormitory unless for special reasons they are granted permission by the Dean of Students to room elsewhere.

During those semesters when the attendance exceeds the capacity of the dormitory the school maintains a list of private homes which agree to take student roomers under conditions and rates accepted by landladies and the school. All young women, except those whose homes are in Franklin County are required to room in one of the homes listed.

Students should not engage rooms or board before ascertaining from the school that the landlady's home is on the list. The fact that students have roomed and boarded at a home during some previous year is not necessarily a guarantee that the home is at the present on the list. Women students desiring to room with relatives or friends should notify the Dean of Students of such intention as early as possible before coming to secure the school's approval if it can be given.

All students not living in their own homes, whether rooming in the dormitories or in private homes or rooming houses, are alike subject to the regulations, control and supervision of the school.

CARE OF ROOMS

Students are expected to care for their rooms and to keep them clean and orderly. The college attempts to make it possible for students to live in a refined atmosphere and under good living conditions; therefore, it expects those who occupy rooms in the dormitories to keep them in good condition. Students will be charged accordingly when school property is destroyed.

ARTICLES TO BE FURNISHED BY STUDENTS

Whether rooming on the campus or in private homes, students are required to furnish at least two pairs of pillow cases, three sheets, spreads and comforts or blankets, towels, soap and runners for table and dresser.

ADVANCE ASSIGNMENT OF ROOMS

Applications for rooms in the dormitory are receivable at any time. Such application should be made as soon as practicable, as reservations will be made in the order in which the applications are received, but no reservation will be made unless there is an advanced payment of \$7.00, one month's room rent. This amount will be refunded only in cases of non-attendance on account of personal illness, provided notice is given prior to the opening of school and the room space can be rented to someone else.

BOARD

Board is provided in the college dining hall. Men and women students occupying rooms on the campus are positively required to take their meals at the college dining hall. Students rooming off the campus may take their meals in the college dining hall. Positively no cooking or storage of food will be permitted in the dormitory rooms. Any student violating this rule may be asked to release his or her room, and in the case of such a release of rooms no room rent will be refunded. Board is charged at the rate of \$36.00 for a 28-day period, payable in advance.

The dining hall provides wholesome food and balanced diets, thus aiding in the acquisition and maintenance of sound health. It aims to cultivate an appreciation for the necessary kinds of food, good table manners, and the beauty and satisfaction derived from social contacts at meal time.

This department also employs student help, thus permitting students to receive training along the lines of table service, food preparation, management, etc. These experiences may prove beneficial later in life.

STUDENT FEES AND EXPENSES

A. TUITION

1. Kentucky State Students

No tuition is charged students whose legal and permanent address is in the State of Kentucky.

2. Out-of-State Students

Students from states other than Kentucky pay a tuition fee of \$22.50 per semester at the time of registration.

B. INCIDENTAL FEE

I. Each full-time student pays an incidental fee of \$30.00 per semester at the time of registration. The fee entitles each student to:

1. Health service, which includes reasonable dental and medical attention.
2. Library service.
3. Admission to a regular number of lectures and recitals.
4. Subscription to Thorobred (a student publication).

5. Admission to local intercollegiate conference athletic contests.

II. Part-time students pay an incidental fee of \$4.50 per semester hour.

C. MISCELLANEOUS FEES

The following fees are charged for the purpose of covering the cost of services used by the student:

Late Registration Fee	\$5.00-\$10.00
Laboratory (per credit hour) Science Courses	1.50
Demonstration (certain courses in Science)	.50
Certain Industrial Arts Courses (per credit hour)	22.50
(Other course fees may be charged for any other courses in which the college furnishes individual supplies or equipment to the student.)	
Key Deposit (per year) (refundable)	1.00
<i>Piano</i>	
One half-hour lesson per week, per semester	13.50
Two half-hour lessons per week, per semester	18.00
Class instruction in piano, per semester	7.50
<i>Organ</i>	
One half-hour lesson per week per semester	18.00
Two half-hour lessons per week, per semester	27.75
<i>Voice</i>	
One half-hour lesson per week, per semester	13.50
Two half-hour lessons per week, per semester	18.00
<i>Instruments</i>	
Class instruction in instruments, per semester	7.50

Yearbook Fee: In order that the students of Kentucky State College may have a permanent and unified record of their activities, both academic and extra-curricular, each student is assessed \$5.00 per year for the purpose of publishing a college yearbook. This assessment is to be paid at the time of registration for the first semester of the school year. Students who are not in attendance during the first semester and register for the second semester are required to pay the \$5.00 assessment at the time of registration for the second semester. For this assessment, each student receives one copy of the yearbook. This assessment is required of all students pursuing full-time residence work at the college.

For a statement of fees charged during the Summer Session, please see the Summer School Announcement.

UNIFORMS FOR PHYSICAL EDUCATION

Physical Education is required of all freshman and sophomore students. Uniforms for these classes are estimated:

Women Students:

Suit	\$5.50-6.00
Shoes	4.10
Socks	1.00

Men Students:

Trunks	1.50-2.25
Shirts	1.25
Socks	1.00
Supporter	1.00
Sweat shirts	2.50
Shoes	6.50

Prices subject to change.

FEE FOR LATE REGISTRATION

A fee of \$5.00 is assessed every student presenting himself to begin or complete any part of his registration after the first day provided for that purpose, and one additional dollar for each successive day thereafter, but not to exceed \$10.00.

FEE FOR CHANGE OF SCHEDULE

A fee of 50c will be charged for each voluntary change which a student makes in his schedule after it has been prepared and approved at the time of registration. Therefore, students are advised to give careful study to the class program and the requirements to be met before having their class schedule approved. If the change in the schedule is requested by the Registrar, the student will not be required to pay the fee.

FEE FOR SPECIAL EXAMINATION

A student who misses a semester examination will be required to pay to the college a fee of 75c per credit hour for each examination missed before it is given to him.

A special fee of \$1.00 each is also required for students taking achievement entrance examinations, or intelligence tests after the initial date of administration.

1. A fee of \$2.00 is assessed each student for each administration of the English Proficiency Test after the first one.

2. A fee of \$2.00 is assessed each student who fails to present himself for the English Proficiency Test when it is first given, especially if he has been notified of same.

FEE FOR LATE MEDICAL EXAMINATION

Students who do not undergo medical examination at the time set aside for that purpose must make special provision for the ex-

amination under the supervision of the College Physician. A special fee of \$1.00 will be charged for this service.

GRADUATION FEE

A graduation fee of \$15.00 is charged each student who makes application for a degree. This fee covers the cost of the rental of cap and gown and the cost of the diploma. Trade Certificate fee is \$5.00.

DEDUCTIONS, REFUNDS AND WITHDRAWALS

1. When a student withdraws within one week of the official date of registration as specified in the catalogue 75 per cent of the tuition and incidental fees will be refunded.
2. When a student withdraws within two weeks of the official date of registration as specified in the catalogue 50 per cent of the tuition and incidental fees will be refunded.
3. When a student withdraws within three weeks of the official date of registration as specified in the catalogue 25 per cent of the tuition and the incidental fees will be refunded.
4. After three weeks from the first official date of registration no refund will be made.
5. When a student withdraws within the three-week refund period, yearbook fees will be refunded in full. After the three-week refund period, yearbook fees will not be refunded.
6. Board: Refund or credit on board will be made only on the basis of a weekly unit.
7. Room Rent: A refund on room rent will be made on the basis of a monthly unit.
8. No refund will be given on charges made for lessons in Applied Music unless the student withdraws officially from the college. Such refunds will be made only on a monthly unit basis.

STUDENT BILLS

All bills for board, room, or other fees, except those incurred as penalties, are due and payable in advance. Students who fail to meet their financial obligations are subject to suspension from all student privileges. This rule applies to students in all departments. Students shall not be allowed to register from one semester to another until accounts are paid from the previous semester.

COST OF BOOKS

The cost of books and supplies for the semester may be estimated at from \$20.00 to \$30.00.

ESTIMATED COST UPON ENTRANCE

The student who lives in Kentucky should come prepared to pay at registration time for each semester the following basic fees:

Incidental Fee (one semester)	\$30.00
Room Rent (first month)	7.00
Board (first month)	36.00
Key Deposit (refundable)	1.00
Year Book Fee	5.00
 Total Basic Fees	 \$79.00
(Due at registration time)	

Laboratory fees, music fees, and other special fees in accordance with the courses taken are in addition to the amount shown above and are due at the time of registration. Freshman students should be prepared to pay a \$5.00 Biology Laboratory Fee. Out-of-state students pay an additional fee of \$22.50 at the time of registration each semester.

BASIC FEES AND EXPENSES FOR THE SCHOOL YEAR FOR STUDENTS LIVING ON THE CAMPUS ARE DUE IN ACCORDANCE WITH THE FOLLOWING SCHEDULE:

SCHOOL YEAR 1955-56

	Incidental Fee	Year Book Fee	Board	Rent	Total
<i>First Semester</i>					
September 14	\$30.00	\$5.00	\$36.00	\$7.00	\$78.00
October 10			36.00	7.00	43.00
November 7			36.00	7.00	43.00
December 5			18.00	7.00	43.00
January 3			31.00	3.50	21.50
<i>Second Semester</i>					
January 31	30.00		36.00	7.00	73.00
February 28			36.00	7.00	43.00
March 27			36.00	7.00	43.00
April 24 through May 25			41.15	8.00	49.15
 Total basic fees 1955-56	 \$60.00	 \$5.00	 \$306.15	 \$60.50	 \$431.65

SCHOOL YEAR 1956-57

	Incidental Fee	Year Book Fee	Board	Rent	Total
<i>First Semester</i>					
September 19	\$30.00	\$5.00	\$36.00	\$7.00	\$78.00
October 15			36.00	7.00	43.00
November 12			36.00	7.00	43.00
December 10			18.00	3.50	21.50
January 7			31.00	7.00	38.00
<i>Second Semester</i>					
February 5	30.00		36.00	7.00	73.00
March 5			36.00	7.00	43.00
April 2			36.00	7.00	43.00
April 30 through May 31			41.15	8.00	49.15
 Total basic fees 1956-57	 \$60.00	 \$5.00	 \$306.15	 \$60.50	 \$431.65

Students living off the campus who provide their own room and board will pay basic fees according to the following schedule:

SCHOOL YEAR 1955-56

	Incidental Fee	Year Book Fee	Total Fee
<i>First Semester</i>			
September 14	\$30.00	\$5.00	\$35.00
<i>Second Semester</i>			
January 31	30.00		30.00
 Total	 \$60.00	 \$5.00	 \$65.00

SCHOOL YEAR 1956-57

	Incidental Fee	Year Book Fee	Total Fee
<i>First Semester</i>			
September 19	\$30.00	\$5.00	\$35.00
<i>Second Semester</i>			
February 5	30.00		30.00
 Total	 \$60.00	 \$5.00	 \$65.00

Out-of-state students will pay an additional fee of \$22.50 per semester or \$45.00 per school year, making the basic fees total \$476.65 per school year for students living on the campus and \$110.00 per year for students living off the campus.

Students registering for the second semester who did not register for the first semester will pay the \$5.00 yearbook fee at the time of registration for the second semester.

Charges for room and board for the first semester of each school year do not include the Christmas vacation period.

STUDENT TEACHING

Students who do practice teaching off campus and live in the community in which the teaching is done will be relieved of the cost of board and lodging at the college during that period. The student, therefore, must be prepared to negotiate directly with the person from whom he secures board and lodging, with assistance and guidance from the college.

All bills are payable in advance. If a student permits his account to become delinquent, he will be dropped from class or be requested to withdraw from the college. No diploma, certificate, or transcript is granted any student until all bills with the college are settled. In paying bills, remittance should be sent directly to the Business Office. Money should be sent by registered letter, money order or certified check.

All checks and money orders should be made payable to **Kentucky State College**. All payments should be addressed to:

Business Office
Kentucky State College
Frankfort, Kentucky

NOTICE TO PARENTS AND GUARDIANS

The dormitories and dining hall officially open for the 1955-56 school year on September 12, 1955, and for the 1956-57 school year on September 17, 1956. Parents are asked not to send students to the College before the date set aside for the arrival of new students. The dormitories will not be open before that date.

For urgent notice or message, send telegrams or special delivery letters.

Parents are promptly notified of their children's illness. Every care will be given the health and happiness of the students of this College.

Parents are asked not to make too frequent requests for students to leave the College. All requests for women students to come home or to go elsewhere should be made in writing to the Dean of Students at least one week prior to the time the student desires to leave. Telegrams requesting students to come home should state reasons for such requests. Requests for leave from parents to students will not be considered.

PART III ADMISSIONS AND GENERAL REGULATIONS

ADMISSION

Graduates of high schools accredited by the State Department of Education or a recognized regional accrediting association are admitted to the college on certificate, provided they have fifteen credits of high school work acceptable to the college. Only students holding certificates of graduation from accredited high schools will be admitted without examination. Students presenting certificates of graduation from non-accredited high schools will be required to validate credit by examination.

While there is no definite pattern of units required for admission, applicants will be required to present satisfactory evidence of adequate preparation for the course of study they wish to pursue at the College.

VETERANS WHO ARE NOT HIGH SCHOOL GRADUATES

For those veterans who are not high school graduates, there are two admission plans:

1. Any veteran who is not a high school graduate who desires the opportunity of regular college attendance and who can demonstrate his competence as shown by the results of tests as recommended by the United States Armed Forces Institute and the American Council on Education, may apply for the administration of such tests. Such persons will be granted the college level of classification exhibited and will be granted the privilege of pursuing majors toward the Bachelor's degree or enrollment in any courses offered by the college for which the persons are eligible.
2. Veterans who are not qualified high school graduates may enroll in any courses offered by the college from which they may profit and exhibit progress. As long as the instructor recommends that such person is receiving profit, the veteran may remain in such courses. Upon the satisfactory completion of such courses, the veteran will be granted a certificate of proficiency for each course completed.

ADMISSION BY TRANSFER FROM SOME OTHER COLLEGE

Credit will be transferred when earned with a grade not lower than "C" and when earned in courses corresponding to those offered at Kentucky State College. In cases of questionable credits, including those transferred from colleges without standard accreditation, acceptance of credits will be deferred at the time of admission but credits will be placed on the student's record after one or more years of satisfactory work in Kentucky State College. It is the student's responsibility to have all transfer credits in the office of the Dean and Registrar before the close of the first semester of attendance. Students who do not have such transfer credits placed

in the office of the Dean and Registrar before the close of the first semester of attendance, will be given classification the following semester on the basis of work completed at Kentucky State College. The Dean and Registrar shall pass judgment on all cases referring to classification.

APPLICATION FOR ADMISSION

A student who plans to enter the college for the first time should write the office of the Dean and Registrar requesting an "Application for Admission." Upon receipt of the application blank, the student should give the information requested on parts one and two. When this information is supplied, the student should have the principal of the high school from which he or she graduated, give the necessary information requested on parts three and four. The principal should then mail the completed form to the office of the Dean and Registrar, Kentucky State College.

A student who registers at the college is responsible for having his complete high school transcript placed in the office of the Dean and Registrar prior to his first registration and in any event before the end of the first half of his first semester of attendance (9 weeks). The student who does not meet this requirement will be immediately dropped and may not continue study until the complete high school transcript is filed. (See regulation on class cuts.)

SUGGESTED ENTRANCE UNITS

The figures below indicate the maximum and minimum number of units that may be offered in each subject.

1. Experience shows that students who present at least three units in English and two in Mathematics have the greatest success at the College.
2. Credit is accepted in the following subjects in the number of units indicated:

GROUP A

English	4	Mathematics:	
Foreign Languages:*		Advanced Arithmetic	1½-1
French	1 -3	Advanced Algebra	1
German	1 -3	Solid Geometry	½
Greek	1 -3	Trigonometry	½
Latin	1 -4		
Spanish	1 -3		
History and Civics		Sciences:	
History		Biology	½-1
Civics	1 -4	Botany	½-1
Political Economy	½-1	Chemistry	½-1
Education (Including Psychology)	½-1	General Science	½-1
Teaching	1	Physics	½-1
		Geology	½-1
		Physical Geography	½-1
		Physiology and Hygiene	½-1
		Sociology	½-1
		Zoology	½-1

* Not less than one unit in Foreign Languages will be accepted.

GROUP B

Agriculture	1½-4	Home Economics	1½-4
Bookkeeping	½-1	Music	½-1
Commercial Law	½	Shop Work	½-2
Commercial Geography	½	Shorthand	½-1
Drawing—Freehand	½-2	Surveying	½
Drawing—Mechanical	½-2	Salesmanship	½

† Not more than one unit may be offered for any subject in Agriculture and Home Economics.

The minimum amount of credit allowed in any subject will be one-half unit.

HEALTH EXAMINATION

Each student must undergo a health examination by the college physician and staff. If this examination is not passed satisfactorily, the student will be required to withdraw from the college. If the tests for tuberculosis show a positive reading, a fee will be charged for an x-ray which is required in such cases.

PHOTOGRAPHS

All students of the college are required to file in the Dean's office within seven calendar days after registering, two unmounted photographs with full name and home address written on the back. Pictures which are not clear, or faded or in costume will not be accepted. Dimensions of photographs must be from 2 to 3½ inches wide and from 3 to 4 inches long. The preferable size is 2" x 3".

READING IMPROVEMENT SERVICE

In an effort to assist students in developing efficiency in reading, the institution operates a Reading Improvement Service. Students' reading problems are given individual attention.

The reading improvement program is designed primarily for those students who show signs of reading deficiencies. It is, however, open to all students who wish to improve in reading and study skills. The program makes use of a large number of printed materials and instruments.

APPLICATION FOR DEGREES

Students who intend to satisfy the requirements for a degree must file formal application with the Registrar on or before the second Tuesday in April.

Students who have not met all requirements for graduation on or prior to the last date of regular senior examinations during the spring semester will not be considered for graduation during a particular year.

The student is held responsible for completing all requirements for graduation by the time he expects to graduate.

ENGLISH PROFICIENCY TEST

No student may be classified as a Senior until he has passed the Proficiency Test in English Composition. This test is given

during fall and the spring semesters of the Junior Year. Students who fail the first test are advised to seek tutorial aid and/or audit English Composition courses. Students who fail the test a second time are required to register for no credit in courses in English Composition until they can qualify to pass this test. A student not classified as a Senior may not file application for a degree.

STUDENT TEACHING

The following regulations must be satisfied before a student becomes eligible to do Student Teaching:

1. He must have an overall scholastic average of 1.0 or better.
2. He must have earned "C" or better in all professional courses in Education.
3. He must have satisfactorily passed the English Proficiency Test.
4. He must be a Senior.

HONORS

An *Honor Roll List* will be published by the office of the Registrar at the close of each semester. The names of students making an average of 2.8 quality points or more will be placed on the *Honor Roll*. Those averaging 2.2 quality points or more will be placed on the *Honorable Mention List*. To be eligible for the Dean's List, a student must carry 15 semester hours.

Upon graduation from the college the following honors will be awarded: *With Distinction* to students whose general quality point average for four years is 2.2 or above; *With High Distinction* to students whose general quality point average for four years is 2.5 or above and who have received no F's or D's; *With Highest Distinction* to students whose general quality point average is 2.8 or above and who have received no F's or D's. A minimum of two years or 64 semester hours of residence work is required. Not less than 50 per cent of the Honor-grade credits must be earned in residence at the college during a regular term.

DEPARTMENTAL HONORS

The Degree of A. B. or B. S. with Honors in the student's major subject will be conferred upon the student who, in addition to having completed the requirements for the degree, shall have maintained a college average of not less than 2.0 and a departmental average of not less than 2.3. In computing departmental averages all courses taken in a department will be counted. To be considered for departmental honors two years of residence work are required, with at least half of the major courses taken in residence. In addition, the candidate must be approved for such honor by the staff of the department.

MAXIMUM AND MINIMUM CREDITS ALLOWED

The student is required to carry each semester a load amounting to at least 12 semester hours. To be eligible to carry more hours

than listed in his curriculum the student must have a standing of at least 2.0 for the preceding semester. Freshmen will not be allowed to carry extra work during the first semester.

ADMISSION OF AUDITORS

Persons desiring to attend classes without credit may be admitted as auditors. Persons who register as auditors will in no case receive credit.

RESIDENCE REQUIREMENTS

To obtain the Bachelor's degree, the student must have registered in the college as a resident student during his senior year and have gained at least 32 semester hours in the college during that year. At least one-half the credits of a major must be gained in this college. The student is held responsible for completion of all requirements for graduation by the time he expects to graduate.

CREDITS BY EXTENSION AND SPECIAL EXAMINATIONS

Students may apply toward the Bachelor's degree a maximum of 30 semester hours by extension, special examinations, and correspondence combined. However, not more than 6 semester hours may be gained during any semester. Not more than 6 of the last 12 credits required for graduation may be taken by extension or correspondence; not more than one-half of the credits required for the major may be gained by extension or correspondence. Not more than 16 semester hours may be earned through correspondence in a calendar year.

Students will be admitted to extension courses who satisfy all prerequisites for those courses in exactly the same manner as in residence. Residence credits shall be credit earned on the campus in regularly scheduled classes. Students in residence shall not be permitted to do extension work without permission of the dean.

The minimum time within which one three-semester-hour course may be completed shall be five weeks; two three-semester-hour courses shall be ten weeks; one two-semester-hour course shall be four weeks; two two-semester-hour courses shall be eight weeks; one three-semester-hour course plus one two-semester-hour-course shall be nine weeks.

DEFINITION OF A SEMESTER HOUR

A semester hour represents one hour of recitation or lecture or two hours of laboratory a week for one semester; drawing, shop work, physical education, and other courses requiring no outside work are reckoned at two hours for one semester hour.

MARKING SYSTEM

Student marks are recorded by letter with the following significance: "A" excellent scholarship; "B" good; "C" average; "D"

poor (carries no quality points); "F" failure; "I" incomplete; "W" withdrawn; "WP" withdrawn passing; "WF" withdrawn failing.

An incomplete or "I" earned in any particular semester must be removed during the next semester the course is offered, otherwise the course will be recorded by the Registrar as "F".

A mark of "W" shall be granted a student provided that student formally withdraws from a course before the close of the first three weeks of any semester.

A mark of "WP" shall be granted that student who has remained in a course for a period longer than the first three weeks of any semester, provided that student is passing in such course at the time of formal withdrawal.

A mark of "WF" shall be granted that student who has remained in a course for a period longer than the first three weeks of any semester, provided that student is failing in such course at the time of formal withdrawal.

The several marks yield quality points as follows:

- A—Three quality points per credit hour
- B—Two quality points per credit hour
- C—One quality point per credit hour
- D—No quality points per credit hour
- F—No quality points, no credit
- WP, W, and WF—No quality points, no credit

Courses in which a student has made a mark of "A", "B", "C", or "D", may be counted towards a degree with the exception that no "major course" in which a student has received a mark of "D" may be counted. Credit will not be allowed on any major course in which a student has earned a mark of less than "C". A student must repeat any "major course" in which he earns a mark of less than "C", and when he has accumulated marks of "D" covering more than 16 semester hours, he shall immediately repeat one or more of the courses in which such marks were earned. Such repetition shall be kept up until marks higher than "D" are earned in the repeated courses. If the mark earned is higher than "D" it shall be substituted for the original mark made in the course on all transcripts sent out by the college. This substitution shall be indicated on the transcript by a suitable device. No student shall be allowed to graduate if his record shows more than the allowed number of D's after the substitution has been made. The usual regulation as to fees, amount of work, and probation shall apply to these repeated courses.

At his first opportunity, a student must repeat in class a required course in which he has received a mark of "F" or "WF", unless the Dean of the College authorizes a substitute course.

Unauthorized withdrawal will be marked "WF".

CLASS CUTS

A student is allowed the same number of cuts from class as the number of hours that the course carries. An unexcused absence from a class is construed as a cut.

Necessary absences in excess of the maximum number of cuts may be excused by the Dean of Students upon request of the student within two calendar weeks immediately following the absence.

A student absent from class more than the prescribed number of cuts shall have his final mark in the course reduced one level for each cut above the maximum allowed. (Ex.—If a student has a final average of "A" that average will be reduced, by the instructor, to a "B" if he has one cut above the maximum allowed; "C" if he has two; "D" if he has three, etc.)

When a student has remained out of school because of illness or some other excusable cause for a period longer than one-sixth of the regular class meetings (cumulative and successive) during any semester, he shall be asked to withdraw. It should be noted that the number of days absent from class is calculated from the date of registration of the student for a semester.

ASSEMBLY

Assembly attendance is required of Freshmen and Sophomores. Assembly is held whenever deemed necessary—usually each Tuesday at 10 A.M. Each student who is required to attend assembly shall be allowed three unexcused cuts each semester. For each unexcused cut in excess of this number the student will be required to complete an additional semester hour for graduation. That is, a student with four unexcused cuts will be required to complete 129 hours for graduation; one with five cuts—130 hours for graduation, etc., etc.

CLASSIFICATION OF STUDENTS

1. Freshmen: Students meeting all entrance requirements who have completed 0-30 semester hours.
2. Sophomores: To be eligible for Sophomore classification, a student shall have completed at least 30 semester hours, accumulated an average of at least .60, and passed all required Freshman courses.
3. Juniors: To be eligible for Junior classification, a student shall have completed at least 60 semester hours, accumulated an average of at least 1.0, and passed all required Freshman and Sophomore courses.
4. Seniors: To be eligible for Senior classification, a student shall have completed at least 90 semester hours, accumulated an average of at least 1.0, and passed all required Freshman, Sophomore and Junior courses, and the English Proficiency Examination.

PROBATION AND DISMISSAL FOR LOW SCHOLARSHIP

Freshman Classification

1. A Freshman student who for the first time fails to earn an average of .60 in any semester shall be placed on probation at the end of that semester.
2. If at the end of the following semester in attendance such student fails to earn an average of .60 for both semesters but has a deficiency of not more than twenty quality points, he shall be placed on "extended" probation for one semester, during which time he shall not be permitted to pursue more than twelve semester hours of work. In addition, his extra-curricular program shall be regulated by his Freshman adviser and/or the Head of the Department in which he is doing or plans to do his major.
3. If he has a deficiency of more than twenty quality points for the two semesters, he shall be dropped for one semester.
4. A Freshman on "extended" probation who fails to earn an overall average of .60 by the end of the next semester of attendance shall be dropped from the college for one semester.

Sophomore Classification

1. A student who for the first time fails to earn a quality average of .6 in any semester shall be placed on probation at the end of that semester.
2. A probationary student who fails to earn a general average of .6 in all courses by the end of the next semester of attendance shall be dropped for one semester.
3. Any student of sophomore classification who fails to earn a general average of at least .6 by the end of a year of attendance shall be dropped for one semester.
4. If a second probation is incurred, such student will be dropped. At the expiration of at least one semester, application for readmittance must be acted upon by the Instructional Faculty.
5. Freshmen and Sophomore students who have been on Extended Probation and who fail to maintain for each period thereafter a general average of .60 will be dropped from the institution for one semester.

Junior and Senior Classification

1. When other requirements are met, in order to be admitted to junior classification a student must present an entire average of "C" or 1.0. After being admitted as a junior, if the average falls below "C" at the end of any semester, probation will be incurred.
2. A probationary student who fails to earn a general average of 1.0 in all courses by the end of the next semester of attendance shall be dropped for one semester.

3. Any student of junior or senior classification who fails to earn a general average of at least 1.0 at the end of a year of attendance shall be dropped for one semester. (Any two semesters, whether consecutive or not, constitute a year.)
4. If a second probation is incurred such student will be dropped. At the expiration of at least one semester, application for readmittance must be acted upon by the Instructional Faculty.

DISMISSAL AND PROBATION FOR TERMS OF STUDY LESS THAN A YEAR

When a student of any classification pursues 12 or more semester hours of work during different terms within the calendar year, the regulations regarding scholarship standards will be applied.

WITHDRAWAL FROM THE INSTITUTION

Students who find it necessary to withdraw from the institution must secure permission from the Dean of Students to withdraw officially.

Students failing in courses at the time of official withdrawal (unless such withdrawal is within the first three weeks of the semester) shall receive WF in such courses.

Students who withdraw unofficially are subject to the following penalties:

- a. Probationary status first semester of attendance following unofficial withdrawal.
- b. Dismissal for one semester if probationary status precedes period of unofficial withdrawal.
- c. Payment of a \$5.00 fee at next registration.

CHANGING COURSES

All changes of registration (either by adding or dropping a course or changing hours and divisions) must be made through the Registrar's office. Students are required to follow the program as outlined on their registration cards. Any student who takes a course irregularly will not receive credit for it. A student cannot sign for a new course after the last day of regular registration.

EXAMINATIONS

Regular examination will be held in all courses at the end of each semester according to the college Calendar.

Whenever a student is absent from a final examination, he is required to take a special examination in place of the one missed. A fee of 50c per credit hour will be charged for all such examinations, except those made necessary by patriotic duties. A fee of one dollar each will be charged for all late entrance examinations.

PENALTY FOR CHEATING IN EXAMINATIONS

1. The penalty for cheating in an examination or for aiding someone else in cheating is a failing grade on the examination in which the cheating occurs.
2. All matters of cheating are reported to the academic dean in writing by the teacher in charge of the course.
3. When a student is guilty of cheating (or of aiding someone else) a second time, whether in the same or in different courses, the student will receive an "F" in the course and will be then recommended to the disciplinary committee for immediate suspension from the college for the remainder of the current semester. In cases where cheating occurs in the final examinations, the suspension would be for the duration of the next semester.

SPECIAL EXAMINATIONS

(Major courses not included)

A student who has earned a mark of "D" in a course, that is not a major course, is eligible for a special examination in that course under the following conditions:

- A. The student must have studied or taught the course in classroom during a particular term, semester, or quarter.
- B. Such examination must be administered in a period between semesters or terms if the student is enrolled for regular study.
- C. Such examination may be administered only once.
- D. A student may be examined in only one such examination within a period between semesters or terms.
- E. A fee of one dollar (\$1.00) per semester hour shall be collected for such examination. The minimum fee to be collected for any examination shall be \$1.00.
- F. The student who desires to be administered such examination must make written application to the Office of the Dean and Registrar at least one calendar week prior to the date when an examination is to be administered.

COMMENCEMENT

All students who are candidates for degrees are required to participate in the commencement exercises. Commencement convocations will be held at the close of the spring semester only. Students who satisfy requirements at times other than the spring semester will be regarded as of the graduating class next following completion of the work.

PART IV CERTIFICATION

APPLICATION FOR TEACHER'S CERTIFICATE

1. No certificate shall be issued to an applicant until *written application* has been made upon forms furnished by the State Department of Education, and *official transcript* has been filed showing all college credits earned up to the time application is made, and the *legal fee* has been paid.

2. *Application for Certificate* must be made upon forms prepared by the Department of Education. The application form will be mailed upon request.

3. *Each applicant for a certificate must be recommended* by a school official and the signature of the recommending officer shall be on the application.

4. *All certificates shall be issued as of July 1 in the calendar year in which they are issued and they shall expire on June 30.*

5. *Time Limit for Renewals.*—Any certificate for teaching or for holding an administrative position, which expires on June 30 of any year, may be renewed provided renewal requirements have been completed and filed with the Superintendent of Public Instruction before September 1 of the year in which the certificate expires; provided, further, that the certificate shall be renewed as of July 1 of the year in which it expires.

6. *Reciprocal Relations.*—A certificate may be issued to a person educated in an accredited institution outside of Kentucky when he has completed a curriculum substantially equivalent to the curriculum required for the issuance of the certificate applied for, and has completed all general requirements for certificates in Kentucky.

7. *Official transcripts* of credits are transcripts that are certified by the registrar of the institution in which college training was done or in which training was validated.

8. *Recommendation by the official* certifying the transcript shall state that, as far as the applicant's record in that institution is concerned, the certificate should be granted.

9. *Transcripts of credits* shall show the applicant's fields of preparation by giving a summary of major and minor fields with the credit earned in each major or minor field.

10. *Transcripts of college credits* shall show that the applicant has completed all college entrance requirements.

11. *Transcripts of credits of all applicants for certificate* shall show that the quality of work done (average point standing) by the applicant in college shall be as high as the minimum quality maintained for graduates of the college certifying the transcript.

12. *Official transcripts* shall show only the work for which the college gives the applicant full credit toward graduation in the institution certifying the transcript.

13. *Official transcripts* shall state whether the quality (average point standing) of work done by the applicant is equal to the quality of work which the institution certifying the credit will accept toward graduation.

CERTIFICATION OF ELEMENTARY TEACHERS

1. The *Provisional Elementary Certificate* valid for four years, shall be issued to persons who meet the general requirements of law and the regulations of the State Board of Education and file transcripts of standard college credits showing completion of the following curriculums:

	Semester Hours
--	-------------------

Block I—English

The first 6 semester hours should be in mechanics; emphasizing composition, English usage, speech, use of the library, and dramatization.

Three semester hours should be in Children's Literature.

Nine semester hours should be selected from electives in literature including American Literature with emphasis on Kentucky Literature and Folk-Lore, and World Literature. (One course might well be selected in terms of the needs of the individual student. It could either be designed to correct deficiencies discovered in the previous English course, or it might follow some personal interest of the student.)

Block II—Science

Institutions may break down the Science courses as they wish, but it is recommended that they give the prospective teacher a knowledge and appreciation of animals and plants, of the earth and the heavens, and should stress the conservation of natural resources. These courses should include the recognition of common rocks and minerals, and the explanation of interesting land features, the recognition of the conspicuous planets, stars, and constellations, and the explanation of some of the phenomena of the heavens, and the conservation of wild life, forests, soil, water, and mineral resources. This work may be taught as separate courses such as (1) field botany, (2) field zoology and (3) astronomy and geology, or other sciences; or the work may be taught as integrated science courses. These courses should provide science experiences which will tend to

12

Semester Hours

18

Semester
Hours

1. develop in prospective teachers a genuine appreciation for the natural environment and a functional understanding of the relationship of man to his natural environment.
2. acquaint prospective teachers with ways of discovering and using the natural environment as effective learning experiences.
3. develop in prospective teachers a thorough understanding of basic scientific principles and of the scientific reasoning process. These principles and this process should be taught by the problem approach whenever possible.
4. provide prospective teachers a body of knowledge sufficiently large and rich to enable them to effectively guide children in meaningful science experiences while meeting the problems of everyday living.

Block III—Social Studies

Each college should be permitted to organize this program as it wishes with emphasis upon one or more of the following options:

- (a) A study of Western Civilization
- (b) Introduction to Social Studies
- (c) Separate courses in social studies area. Economics, History and Government and Geography with desirable emphasis on world problems.

21

12

9

Block IV—Fine Arts

Public School Music	3
Elective in Music	3
Public School Art	3
Elective in Art	3

12

3

3

3

3

Block V—Health

Basic Health	4
(Including health education, diet, community health, and individual health) and Physical Education in the Elementary School (Including plays and games, corrective activities, recreation, etc.)	6
Nutrition	2
(Emphasis on the School Lunch Program, resources, and helping children with their diet.)	2

2

6

4

Block VI—Professional Education

The following areas should be included.
Organization of content and experience will be left to the institution.

28

	Semester Hours
Child Growth and Development.	6
Through the fields of Psychology, first-hand study of children should be provided	
Techniques	6
Teaching Reading	
Teaching Arithmetic	
Fundamentals of Elementary Education	8
In the first 4 hours emphasis should be placed upon materials and methods in elementary education. Some attention should be also given to techniques of guidance, counseling, testing and measurement. Greater emphasis should be placed on all of these phases in the last half of the course and attention should be given to school organization and administration.	
Supervised Teaching	8
Block VII—General Electives	31

Guidance at the college level is highly desirable. Guidance should serve as a basis for choice of electives.

Completion of Baccalaureate degree shall be required for the Provisional Elementary Certificate.

1. The *Provisional Elementary Certificate* may be renewed or reissued every four years after three years' teaching experience during the life of the certificate or upon one-half year of standard college or university work of graduate grade since last renewal. If the holder fails to teach the three years required for renewal or reissuance, this certificate may be renewed or reissued upon 4 semester hours of standard college or university work of graduate grade for each year he fails to teach upon the certificate. It may be extended for life when the holder has had three years' teaching experience during the life of the certificate and has completed requirements for a Master's Degree in a standard graduate school.
2. The *Provisional Elementary Certificate*, based upon four years of college, should be valid in grades one to eight regardless of the school organization.

CERTIFICATION OF SECONDARY TEACHERS

1. The *Provisional High School* certificate valid for four years shall be issued to a person who meets the general requirements of law and the regulations of the State Board of Education, and files a transcript of standard college credits showing the completion of a curriculum which includes the following courses and minimum standards:

A. Minimum General and Core Requirements 45 sm. hrs.

1. English—minimum 12 sm. hrs.
Including Oral and Written Composition, Literature, and Speech.
2. Health, Physical Education and Safety— 6 sm. hrs.
3. Group or Field Requirements—minimum— 27 sm. hrs.
Distributed among not fewer than 3 or more than 4 fields, with not fewer than 6 semester hours in any field. Two of these groups must be in fields different from the major and minors or area of concentration.

The fields from which the 27 hours of credit may be selected are:

Fine Arts
Foreign Language
Mathematics
Philosophy and Psychology
Science
Social Science
Vocational subjects (Agriculture, Home Economics, Industrial Arts, Commerce, etc.)

B. Teaching Majors and Minors

1. A major shall require 24 semester hours, except a major in English shall require 30 semester hours and a major in Speech and Dramatics shall require 30 semester hours.
2. A minor shall require 18 semester hours.
3. Each curriculum shall require:
 - (1) an area of concentration, or
 - (2) two majors,
 - (3) one major and two minors, or
 - (4) one major and one minor when credit in both is 48 semester hours (54 when English is included as a major).

C. Professional Preparation

1. *Student Teaching*—
The professional requirements for teachers shall be 18 semester hours, at least 9 of which shall be in student teaching.
2. *Other Professional Courses*—
There shall be a minimum of 9 semester hours of professional courses in addition to student teaching in the following areas:

- a. *Child Growth and Development*
- b. *Fundamentals of Secondary Education*
- c. *Organization and Administration of the Public School*

D. Completion of a Baccalaureate Degree

1. The Provisional High School certificate may be renewed every four years after three years' teaching experience or upon presentation of one-half year of standard college or university work of graduate grade, earned since issuance or last renewal of the certificate. If the holder fails to teach the three years required for renewal or reissuance, the certificate may be renewed or reissued upon 4 semester hours of standard college or university work of graduate grade for each year he fails to teach upon the certificate.

2. The high school certificate should be valid in grades seven and eight, in any organization, if these grades are departmentalized.

3. The Standard High School certificate valid for five years shall be issued to a person who meets the requirements of law and general regulations of the State Board of Education and files a transcript of credits showing the completion of the four-year curriculum for the training of high school teachers as prescribed by the Council on Public Higher Education, and who, in addition thereto, completes the requirements for a Master's degree in a standard graduate school.

4. The Standard High School certificate may be extended for life upon three years' teaching experience during the life of the certificate. If the holder fails to meet the requirements for life extension before the certificate expires, the certificate may be re-issued or renewed for five years upon two years' teaching experience during the life of the certificate, or upon 6 semester hours of additional work of graduate grade for each of the two years he failed to teach upon the certificate.

PART V

DEGREES

**COURSES OF STUDY, CURRICULA, AND
COURSE DESCRIPTIONS, ETC.**

DEGREES

The college offers instruction leading to the following degrees:

Bachelor of Arts with majors in

- English
- French Language and Literature
- History and Government
- Music
- Sociology and Economics
- Social Sciences
- Elementary Education

Bachelor of Science with majors in

- Business Administration
- Commercial Teacher Education
- General Science
- Biology
- Chemistry
- Mathematics
- Vocational and Industrial Education
- Music Education
- Agriculture
- Home Economics
- Physical and Health Education

For any degree the student is required to gain the minimum number of semester hours and quality points as required in his particular curriculum with an average academic standing of one or "C."

In all cases the student is responsible for the meeting of requirements for graduation.

The selection of majors and minors must be made not later than the first semester of the junior year of college studentship and may not be changed later than the end of the first semester of the senior year. Twenty-four semester hours in a department constitute a major, with the exception of the English major which requires 30 semester hours. Courses pursued in any major are subject to the approval of the student's major department and the Registrar.

Eighteen semester hours in one department constitute a minor.

Students are advised to give careful thought and consideration to the problem of selecting major and minor subjects. These subjects should be chosen in accordance with the student's interests and the demand for service after graduation. It is necessary to remember that adequate preparation must be made in a subject in order to qualify one to teach the subject in the public schools. Nearly all teachers must teach two or more different subjects and for this reason it is suggested that students who are planning to teach should take two minors except in special curricula where it is

impracticable to do so. All electives must meet the approval of the head of the major department and of the Registrar.

The student who does not desire to meet the requirements in Directed Teaching must state in writing to the Dean and Registrar not later than the regular registration period of the first semester of the senior year that he does not desire to pursue the course in Directed Teaching.

COURSES OF STUDY

The following numbering system is used.

Freshman Courses	100-193
Sophomore Courses	200-293
Junior Courses	300-393
Senior Courses	400-493

The College reserves the right to withdraw or to close courses the registration for which does not warrant opening or continuing.

Juniors and Seniors who take Freshman or Sophomore courses will receive reduced credit, except with the approval of the Dean and Registrar.

The College offers courses designed to meet the needs of various classes of students:

(1) A four-year course consisting of a minimum of 128 semester hours leading to the Provisional Elementary Certificate.

(2) A four-year college course preparing persons as teachers of high school subjects in the fields of English, Social Sciences, Mathematics, French, Home Economics, Agriculture, Natural Sciences, Public School Music, Physical Education, and Commercial Teacher Education, and Music Education.

- (3) A four-year professional college course.
- (4) A four-year course in Vocational and Industrial Education.
- (5) A four-year course in Business Administration.
- (6) A two-year course in Industrial Arts.

PRE-MEDICAL COURSES

A four-year course in the Area of General Science preparing for the study of medicine is offered which complies with the requirement of the American Medical Association for entrance into Class A medical schools requiring a degree for entrance. A student preparing to enter a specific medical school upon completion of three years of college study should select carefully with the aid of his adviser those courses designated by the medical college he plans to attend as required for entrance.

GENERAL CURRICULUM FOR THE LOWER TWO YEARS

This curriculum leads to the Bachelor of Arts degree with majors in History and Government, Sociology and Economics, and second majors or minors in Music and French Language and Literature. Through judicious selection one may qualify as a teacher in two or more fields, as a social civic leader in his community, or to pursue further professional courses. Each student must secure six semester hours credit in either a foreign language or mathematics.

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Biol. 101—General Biology	3	Biol. 102—General Biology	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Eng. 101—English Composition and Rhetoric, or	3	Eng. 102—English Composition and Rhetoric, or	3
Eng. 103—Advanced Composition	3	Eng. 104—Advanced Composition	3
Ed. 100—Freshman Orientation	0	P. Ed. 102—Orientation in P. Ed.	1/2
P. Ed. 101—Orientation in P. Ed.	1/2	Ed. 100A—Social Life	1
Elect		Elect	
French 101—Elementary French, Spanish, or		French 102—Elementary French, Spanish, or	
Math. 101—College Algebra	3	Math. 102—Trigonometry	3
Elect (from group below)	3	Elect (from group below)	3
Soc. 102—Prin. of Geography	3	Mus. 102—Public School Music	3
Mus. 101—Public School Music	3	Soc. 102—Prin. of Geography	3
P. Ed. 112—Personal Hygiene	3	P. Ed. 112—Personal Hygiene	3
	15 1/2		16 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Sci. 201—Intro. Physical Sciences	3	Sci. 202—Intro. Physical Sciences	3
Soc. 201—Intro. Social Sciences	3	Soc. 202—Intro. Social Sciences	3
Ed. 203—General Psychology	3	P. Ed. 221—Health & Safety Education	4
*Eng. 211—English Literature	3	Eng. 222—American Literature	3
P. Ed. 201—Recreational Activities	1/2	P. Ed. 202—Recreational Activities	1/2
Electives (from group below)	3-4	Electives (from group below)	3-4
French 201—Intermediate French, or		French 202—Intermediate French, or	
Spanish 201—Intermediate Spanish	3	Spanish 202—Intermediate Spanish	3
Hist. 201—U. S. History	3	Hist. 202—U. S. History	3
Sci. 211—General Physics	4	Sci. 212—General Physics	4
*Eng. 201—Public Speaking	3	*Eng. 204—Prob. Voice Training	3
Chem. 101—General Chemistry	4	Eng. 202—Children's Literature	3
Music 271—Music Appreciation	3	Ed. 203—General Psychology	3
	15 1/2-16 1/2	Soc. 211—Geography of N. A.	3
		Music 272—Music Appreciation	3
			16 1/2-17 1/2

*Required for a Major in English.

MAJOR—SOCIOLOGY AND ECONOMICS*

Upper Two Years

JUNIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Soc. 301—Intro. Sociology	3	Soc. 302—Intro. Sociology	3
Soc. 311—Prin. of Economics	3	Soc. 312—Prin. of Economics	3
Electives	9-11	Ed. 410SS—Methods of Teaching	3
		Electives in Soc. & Economics	3
		Free Electives	3-5
Total	15-17	Total	15-17

SENIOR YEAR

Option One

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Ed. 412—Admin. Pub. Schools	3	Electives in Soc. & Economics	12
Ed. 452—Fund. Sec. Education	3	Free Electives	3-5
Ed. 442—Human Development and Psychology II	3		
Ed. 400—Directed Teaching	8-9		
17-18		15-17	

Option Two

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Electives in Soc. & Economics	12	Ed. 412—Adm. Pub. Schools	3
Free Electives	3-5	Ed. 452—Fund. Sec. Education	3
		Ed. 442—Human development and Psychology II	3
		Ed. 400—Directed Teaching	8-9
15-17		17-18	

*A minimum of 128 semester hours are required for graduation and a minimum of 24 semester hours must be included in the major.

MAJOR—HISTORY AND GOVERNMENT*

Upper Two Years

JUNIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Hist. 301—Modern Europe	3	Hist. 312—American Government	3
Hist. 311—American Government	3	Hist. 322—English History	3
Hist. 321—English History	3	Hist. 302—Modern Europe	3
Electives	6-8	1815-1914	3
		Ed. 410SS—Methods of Teaching	3
		Electives	3-5
15-17		15-17	

SENIOR YEAR

Option One

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Ed. 412—Admin. Pub. Schools	3	Electives in History	9
Ed. 452—Fund. Sec. Education	3	Free Electives	6-8
Ed. 442—Human Development and Psychology II	3		
Ed. 400—Directed Teaching	8-9		
15-17		15-17	

Option Two

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Electives in History	9	Ed. 412—Admin. Pub. Schools	3
Free Electives	6-8	Ed. 452—Fund. Sec. Education	3
		Ed. 442—Human Development and Psychology II	3
		Ed. 400—Directed Teaching	8-9
11-17		17-18	

*A minimum of 128 semester hours are required for graduation and a minimum of 24 semester hours must be included in the major.

MAJOR—ENGLISH LANGUAGE AND LITERATURE*
FRESHMAN YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Eng. 101—Eng. Comp. & Rhetoric, or		Eng. 102—Eng. Com. & Rhetoric, or	
Eng. 103—Advanced Composition	3	Eng. 104—Advanced Composition	3
French 101—Elementary French, or		French 102—Elementary French, or	
Spanish 101—Elementary Spanish	3	Spanish 102—Elementary Spanish	3
Ed. 100—Freshman Orientation	0	P. Ed. 101—Orientation in P. Ed.	1/2
P. Ed. 101—Orientation in P. Ed.	1/2	Educa. 100A—Social Life	1
Elect One:		Elect One:	
Biol. 101—General Biology	3	Biol. 102—General Biology	3
Math. 101—College Algebra	3	Math. 102—College Algebra	3
Elect One:		Elect One:	
Ed. 105—Principles of Art	3	Soc. 102—Principles of Geography	3
Mus. 101—Public School Music	3	P. Ed. 112—Personal Hygiene	3
Ed. 101—Industrial Arts	3		
	15 1/2		16 1/2

SOPHOMORE YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Eng. 201—Public Speaking	3	Eng. 204—Prob. Voice Training	3
Eng. 211—English Literature	3	Eng. 222—American Literature	3
French 201—Intermediate French, or		French 202—Intermediate French, or	
Spanish 201—Intermediate Spanish	3	Spanish 202—Intermediate Spanish	3
P. Ed. 201—Recreational Activities	1/2	P. Ed. 202—Recreational Activities	1/2
Elect Two:		P. Ed. 221—Health & Safety Educa.	4
Sci. 201—Intro. Physical Sciences	3	Sci. 202—Intro. Physical Sciences	3
Soc. 201—Intro. Social Sciences	3	Soc. 202—Intro. Social Sciences	3
Ed. 203—General Psychology	3	Ed. 203—General Psychology	3
Hist. 201—U. S. History	3	Hist. 202—U. S. History	3
Eng. 241—Radio Arts	3	Soc. 211—Geography of N. A.	3
Mus. 271—Music Appreciation	3	Mus. 272—Music Appreciation	3
	15 1/2		16 1/2

JUNIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Eng. 301—Romanticism	3	Eng. 302—Victorian Literature	3
Electives in English	3	Electives in English	3
Free Electives	9-11	Free Electives	6
	15-17		15-17

SENIOR YEAR

Option One

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Ed. 412—Admin. Public Schools	3	Electives in English	9
Ed. 452—Fund. Sec. Education	3	Free Electives	8-9
Ed. 442—Human Development and Psychology II	3		
Ed. 400—Directed Teaching	8-9		
	17-18		17-18

Option Two

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Electives in English	9	Ed. 412—Admin. Public Schools	3
Free Electives	8-9	Ed. 452—Fund. Sec. Education	3
		Ed. 442—Human Development and Psychology II	3
		Ed. 400—Directed Teaching	8-9
	17-18		17-18

*A minimum of 128 semester hours are required for graduation and a minimum of 30 semester hours must be included in the major.

MAJOR—FRENCH LANGUAGE AND LITERATURE

FRESHMAN YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Biol. 101—General Biology	3	Biol. 102—General Biology	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Eng. 101—English Comp. and Rhetoric	3	Eng. 102—English Comp. and Rhetoric	3
Ed. 100—Freshman Orientation	0	P. Ed. 101—Orientation in P. Ed.	1/2
P. Ed. 101—Orientation in P. Ed.	1/2	Phys. Educa.	1/2
Elect One:		French 101—Elementary French	3
French 101—Elementary French		Elective	3-4
			15 1/2-16 1/2

SOPHOMORE YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Sci. 201—Intro. Physical Sciences	3	Sci. 202—Intro. Physical Sciences	3
Soc. 201—Intro. Social Sciences	3	Soc. 202—Intro. Social Sciences	3
Ed. 203—General Psychology	3	Ed. 203—General Psychology	3
Hist. 201—U. S. History	3	Hist. 211—English Literature	3
Eng. 241—Radio Arts	3	P. Ed. 201—Recreational Activities	1/2
Mus. 271—Music Appreciation	3	French 201—Intermediate French	3
	15 1/2		16 1/2

JUNIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
French 301—Survey of French Literature	3	French 302—Survey of French Literature	3
French 311—French Composition	4	French 312—French Conversation	3
French 321—French Civilization	3	Electives	10
Ed. 442—Human Development and Psychology II	3		
Electives	4		
	17		16

SENIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
French 401—18th Century Literature	3	Ed. 410F—Methods of Teaching	3
Ed. 412—Admin. of Public Schools	3	Ed. 412—Admin. of Public Schools	3
Ed. 452—Fundamentals of Sec. Educa.	3	Ed. 452—Fundamentals of Sec. Educa.	3
Ed. 401—Tests and Measurements	7	Ed. 400—Directed Teaching	9
Electives	7		18
	16		

MAJOR IN THE SOCIAL SCIENCES*

(Area of Concentration)

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Biol. 101—General Biology	3	Biol. 102—General Biology	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Eng. 101—Eng. Comp. and Rhetoric	3	Eng. 102—Eng. Comp. and Rhetoric	3
Ed. 100—Freshman Orientation	0	P. Ed. 102—Orientation in P. Ed.	1/2
P. Ed. 101—Orientation in P. Ed.	1/2	French 102—Elementary French, or	
French 101—Elementary French, or		Math. 102—Trigonometry	3
Math. 101—College Algebra	3	Soc. 102—Principles of Geography	3
Elective in Education	3	Ed. 100A—Social Life	1
	15 1/2		16 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Hist. 201—U. S. History	3	Hist. 202—U. S. History	3
Soc. 201—Intro. to Social Sciences	3	Soc. 202—Intro. Social Sciences	3
Eng. 211—English Literature	3	Eng. 222—American Literature	3
P. Ed. 201—Recreational Activities	1/2	P. Ed. 202—Recreational Activities	
Soc. 211—Geog. of North America	3	Ed. 203—General Psychology	1/2
Sci. 201—Intro. Physical Sciences, or		Sci. 202—Intro. Physical Sciences, or	
French 201—Intermediate French	3	French 202—Intermediate French	3
	15 1/2		15 1/2

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Soc. 301—Intro. to Sociology	3	Soc. 304—Minority Groups	3
Hist. 301—Modern Europe	3	Hist. 302—Modern Europe	3
1500-1815	3	1815-1914	3
Soc. 311—Principles of Economics	3	Soc. 312—Principles of Economics	3
Hist. 311—American Government	3	Hist. 312—American Government	3
P. Ed. 221—Health and Safety Education	4	Ed. 410SS—Methods of Teaching	3
	16		15

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Soc. 401—Social Psychology	3	Ed. 412—Administration of Public Schools	3
Hist. 405—Southern History	3	Ed. 452—Fund. Sec. Education	3
Hist. 411—Europe Since 1914	3	Ed. 400—Directed Teaching	9
Ed. 401—Tests and Measurements	3	Ed. 442—Human Development and Psychology II	3
Electives	5		
	17		18

* A minimum of 128 semester hours are required for graduation. No additional major or minor required.

MAJOR—ELEMENTARY EDUCATION

This curriculum is designed to meet State requirements for Elementary Teachers Certificates as prescribed by the Department of Education of Kentucky. Completion of the four-year curriculum leads to the Provisional Elementary Certificate and the A. B. degree with a major in Elementary Education.

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Biol. 101—General Biology	3	Biol. 102—General Biology	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Art 101—Industrial Arts	3	Art 105—Principles of Art	3
Music 101—Public School Music	3	Music 102—Public School Music	3
P. Ed. 101—Orientation in P. Ed.	1/2	P. Ed. 101—Orientation in P. Ed.	1/2
Ed. 100—Freshman Orientation	0	Ed. 100A—Social Life	1
	15 1/2		16 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Sci. 201—Intro. Phys. Sciences	3	Sci. 202—Intro. Phys. Sciences	3
Soc. 201—Intro. Soc. Sciences	3	Soc. 201—Intro. Soc. Sciences	3
Eng. 211—English Literature	3	Eng. 222—American Literature	3
Ed. 201—Fund. Elem. Education	4	Ed. 202—Fund. Elem. Education	4
Ed. 203—General Psychology	3	P. Ed. 221—Health and Safety Ed.	4
P. Ed. 201—Rec. Activities	1/2	P. Ed. 202—Rec. Activities	1/2
	16 1/2		17 1/2

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Ed. 342—Human Development and Psychology I	3	Math. 114—Teachers Arithmetic	3
P. Ed. 231—Materials and Methods	3	Ed. 212—Teaching of Reading	3
Hist. 311—American Government	3	Soc. 211—Geography of N. A.	3
Soc. 102—Prin. of Geography	3	Ed. 116—Manuscript Writing	1
Eng. 202—Children's Literature	3	English Elective	3
Ed. 113—Penmanship	1	H. E. 305—Nutrition with Children	2
	18		16-17

SENIOR YEAR

Option One

First Semester	Hours	Second Semester	Hours
Ed. 402—Elem. School Org.	3	Ed. 422—Prob. Tchg. Elem. Sch.	3
Ed. 442—Human Development and Psychology II	3	Mus. 382—Voice for Elem. Majors	1
Mus. 381—Voice for Elem. Majors	1	Electives	11
Ed. 400E—Directed Teaching	8		15

Option Two

First Semester	Hours	Second Semester	Hours
Ed. 402—Elem. School Organ.	3	Ed. 422—Prob. Tchg. Elem. Sch.	3
Mus. 381—Voice for Elem. Majors	1	Ed. 442—Human Development and Psychology II	3
Electives	11	Mus. 382—Voice for Elem. Majors	1
	15	Ed. 400E—Directed Teaching	8

No additional major or minor is required. A minimum of 128 semester hours are required for graduation.

MAJOR—MUSIC*

FRESHMAN YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Biol. 101—General Biology	3	Biol. 102—General Biology	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Eng. 101—English Comp. and		Eng. 102—Eng. Comp. and	
Rhetoric	3	Rhetoric	3
P. Ed. 101—Orientation in P. Ed.	1/2	P. Ed. 102—Orientation in P. Ed.	1/2
Ed. 100—Freshman Orientation	0	Music 102—Public School Music	3
Music 101—Public School Music	3	Ed. 100A—Social Life	1
Electives from group below	3-5	Electives from group below	3-5
French 101—Elem. French	3	French 102—Elem. French	3
Spanish 101—Elem. Spanish	3	Spanish 102—Elem. Spanish	3
Math. 101—College Algebra	3	Math. 102—Trigonometry	3
Music 111—Piano	2	Music 112—Piano	2
Music 141—Organ	2	Music 142—Organ	2
Music 151—Voice	2	Music 152—Voice	2
Music 161—Violin	2	Music 162—Violin	2
	<hr/> 15½-17½		<hr/> 16½-18½

SOPHOMORE YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
English 211—Survey of Eng.		English 222—American Literature	3
Literature	3	History 202—United States	
History 201—United States		History	3
History	3	P. Ed. 202—Recreational Activities	1/2
P. Ed. 201—Recreational Activities	1/2	Music 202—Ear Training	2
Mus. 201—Ear Training	2	Music 222—Harmony	3
Music 221—Harmony	3	Electives (from group below)	5
Electives (from group below)	5	Sci. 202—Intro. Physical	
Sci. 201—Intro. Physical		Sciences	3
Sciences	3	Fren. 202—Intermediate French	3
Fren. 201—Intermediate French	3	Spanish 202—Intermediate	
Spanish 201—Intermediate		Spanish	3
Spanish	3	Music 212—Piano	2
Music 211—Piano	2	Music 242—Organ	2
Music 241—Organ	2	Music 252—Voice	2
Music 251—Voice	2	Music 262—Violin	2
Music 261—Violin	2	Music 272—Appreciation	3
Music 271—Appreciation	3		<hr/> 16½

* This curriculum does not give the right to a teaching certificate.

JUNIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Mus. 301—History and		Music 302—History and	
Appreciation	3	Appreciation	3
Music 321—Advanced Harmony	3	Music 322—Advanced Harmony	3
Electives in Music (from group		Electives in Music (from group	
below)	11	below)	11
Music 231—Music in Elem. Sch.	3	Music 232—Music in Jr. and	
Music 311—Piano	2	Sr. H. S.	3
Music 331—Conducting	3	Music 312—Piano	2
Music 341—Organ	2	Music 332—Conducting	3
Music 351—Voice	2	Music 342—Organ	2
Music 361—Violin	2	Music 352—Voice	2
Music 371—Instruments	1	Music 362—Violin	2
		Music 372—Instruments	1
	<hr/> 17		<hr/> 17

SENIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Music 421—Counterpoint	3	Music 422—Counterpoint	3
Electives in Music (from group		Electives in Music (from group	
below)	7	below)	7
Music 411—Piano	2	Music 412—Piano	2
Music 441—Organ	2	Music 442—Organ	2
Music 451—Voice	2	Music 452—Voice	2
Music 461—Violin	2	Music 462—Violin	2
Music 471—Orchestration	3	Music 472—Orchestration	3
Free Electives	5-7	Free Electives	5-7
	<hr/> 15-17		<hr/> 15-17

MAJOR—MUSIC EDUCATION

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Hist. 101—World Civilization	3	Ed. 100A—Social Life	1
Eng. 101—English Composition	3	Eng. 102—Eng. Comp. and Rhetoric	3
Biol. 101—General Biology	3	Biol. 102—General Biology	3
P. Ed. 101—Orientation in P. Ed.	1/2	Hist. 102—World Civilization	3
Ed. 100—Freshman Orientation	0	P. Ed. 102—Orientation in P. Ed.	1/2
Music 101—Public School Music	3	Music 102—Public School Music	3
French 101—Elementary French, or Spanish 101—Elementary Spanish	3	French 102—Elementary French, or Spanish 102—Elementary Spanish	3
Applied Music (from group below)	2	P. Ed. 102—Recreational Act.	1/2
Music 111—Piano		Applied Music (from group below)	2
Music 141—Organ		Music 112—Piano	
Music 151—Voice		Music 142—Organ	
Music 161—Violin		Music 152—Voice	
	17 1/2	Music 162—Violin	
			18 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—Survey of Eng. Literature	3	Eng. 222—Survey of American Literature	3
Sci. 201—Intro. to Physical Sciences	3	Sci. 202—Intro. to Physical Sciences	3
P. Ed. 201—Recreational Activities	1/2	P. Ed. 202—Recreational Activities	1/2
Music 201—Ear Training	2	Music 202—Ear Training	2
Music 221—Harmony	3	Music 222—Harmony	3
Music 231—Music in Elementary Grades	3	Music 232—Music in Jr. and Sr. H. Schools	3
Applied Music (from group below)	2	Applied Music (from group below)	2
Music 211—Piano		Music 212—Piano	
Music 241—Organ		Music 242—Organ	
Music 251—Voice		Music 252—Voice	
Music 261—Violin		Music 262—Violin	
	16 1/2		16 1/2

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Ed. 203—General Psychology	3	P. Ed. 221—Health and Safety	4
Music 301—Hist. and Appreciation	3	Music 302—Hist. and Appreciation	3
Music 331—Conducting	3	Music 332—Conducting	3
Music 371—Instruments	1	Music 372—Instruments	1
Free Elective	3	Free Elective	3
Electives (from group below)	2-3	Electives (from group below)	2-3
Music 311—Piano	2	Music 312—Piano	2
Music 321—Advanced Harmony	3	Music 322—Advanced Harmony	3
Music 341—Organ	2	Music 342—Organ	2
Music 351—Voice	2	Music 352—Voice	2
Music 361—Violin	2	Music 362—Violin	2
	15-16		16-17

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Ed. 412—Admin. Public Schools	3	Ed. 400—Directed Teaching	8
Ed. 442—Human Development and Psychology II	3	Electives in Music (from group below)	7-9
Ed. 452—Fundamentals of Sec. Education	3	Music 412—Piano	2
Electives in Music (from group below)	6-8	Music 422—Counterpoint	3
Music 411—Piano	2	Music 442—Organ	2
Music 441—Organ	2	Music 452—Voice	2
Music 451—Voice	2	Music 462—Violin	2
Music 461—Violin	2	Music 472—Orchestration	3
Music 471—Orchestration	3		
	15-17		15-17

* A minimum of 128 semester hours are required for graduation and a minimum of 24 semester hours must be included in the major.

MAJOR—BUSINESS ADMINISTRATION*

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
B. A. 101—Elementary Typewriting	2	B. A. 102—Intermediate Typewriting	2
B. A. 111—Business Mathematics	3	Eng. 102—Eng. Comp. and Rhetoric	3
Eng. 101—English Comp. and Rhetoric	3	Biol. 102—General Biology	3
Ed. 100—Freshman Orientation	0	Hist. 102—World Civilization	3
B. A. 221—Principles of Business	3	P. Ed. 102—Orientation in P. Ed.	1½
Hist. 101—World Civilization	3	Elective	2-3
P. Ed. 101—Orientation in P. Ed.	1½	B. A. 112—Business Mathematics	3
Biol. 101—General Biology	3	Ed. 100A—Social Life	1
	17½		17½-18½

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
B. A. 201—Advanced Typewriting	2	B. A. 302—Prin. of Accounting	4
B. A. 301—Prin. of Accounting	4	Ed. 203—General Psychology	3
Eng. 211—English Literature	3	Soc. 311—Prin. of Economics	3
Soc. 311—Prin. of Economics	3	Eng. 222—American Literature	3
Soc. 201—Intro. Social Sciences	3	Soc. 202—Intro. Social Sciences	3
P. Ed. 201—Recreational Activities	1½	P. Ed. 202—Recreational Activities	1½
Ed. 113—Penmanship	1		
	16½		16½

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
B. A. 431—Intermediate Accounting	3	B. A. 432—Advanced Accounting	3
B. A. 321—Business Law	3	B. A. 322—Business Law	3
B. A. 361—Mathematics of Finance	3	B. A. 323—Business Org. and Finance	3
B. A. 341—Real Estate	2	Hist. 312—American Government	3
Hist. 311—American Government	3	B. A. 332—Money and Banking	3
B. A. 331—Money and Banking	3	B. A. 351—Principles of Salesmanship	2
	17		17

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
B. A. 411—Principles of Insurance	3	B. A. 412—Principles of Insurance	3
Soc. 308—Intro. to Social Statistics or		B. A. 472—Prin. of Income	
Ed. 401—Tests and Measurements	3	Taxation	2
B. A. 405—Cost Accounting	3	B. A. 204 Business English	3
Electives	6	Electives in Education	6
	15	B. A. 406—Cost Accounting	3
	17		

* A minimum of 128 semester hours are required for graduation. No additional major or minor required.

MAJOR—COMMERCIAL TEACHER EDUCATION*

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
B. A. 101—Elem. Typewriting	2	B. A. 102—Intermed. Typewriting	2
B. A. 111—Business Mathematics	3	B. A. 112—Business Mathematics	3
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Rhetoric	3	Biol. 102—General Biology	3
Ed. 100—Freshman Orientation	0	Hist. 102—World Civilization	3
B. A. 221—Principles of Business	3	P. Ed. 102—Orientation in P. Ed.	1½
Hist. 101—World Civilization	3	Elective	2-3
P. Ed. 101—Orientation in P. Ed.	1½	B. A. 112—Business Mathematics	3
Biol. 101—General Biology	3	Ed. 100A—Social Life	1
	17½		15½

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
B. A. 201—Advanced Typewriting	2	B. A. 204—Business English	3
B. A. 211—Elementary Stenography	3	B. A. 212—Elementary Stenography	3
or		P. Ed. 221—Health and Safety	4
P. Ed. 221—Health and Safety	4	B. A. 221—Prin. of Business	3
Eng. 211—English Literature	3	Eng. 211—English Literature	3
Soc. 311—Prin. of Economics	3	Soc. 311—Prin. of Economics	3
Soc. 201—Intro. Social Sciences	3	P. Ed. 201—Recreational Activities	1½
P. Ed. 201—Recreational Activities	1½	Soc. 201—Intro. Social Sciences	3
Ed. 113—Penmanship	1		17½-18½

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
B. A. 301—Prin. of Accounting	4	B. A. 302—Prin. of Accounting	4
B. A. 311—Advanced Stenography	3	B. A. 312—Transcription	3
B. A. 321—Business Law	3	B. A. 322—Business Law	3
B. A. 223—Secretarial Practice and Filing	3	B. A. 323—Business Organization and Finance	3
Ed. 402—Tests and Measurements	3	Elective	2
	17		17

SENIOR YEAR

Option One

First Semester	Hours	Second Semester	Hours
Ed. 412—Admin. Public Schools	3	B. A. 412—Prin. of Insurance	3
Ed. 442—Human Development and Psychology II	3	B. A. 421—Office Machines	2
Ed. 452—Fundamentals of Sec. Ed.	3	Electives in Business Admin.	5-6
Ed. 400—Directed Teaching	8-9	Free Electives	6
	17-18		16-17

Option Two

First Semester	Hours	Second Semester	Hours
B. A. 411—Principles of Insurance	3	Ed. 412—Admin. Public Schools	3
B. A. 421—Office Machines	2	Ed. 442—Human Development and Psychology	3
Electives in Business Admin.	5-6	Ed. 452—Fundamentals of Sec. Ed.	3
Free Electives	6	Ed. 400—Directed Teaching	8-9
	17-18		17-18

* A minimum of 128 semester hours are required for graduation. No additional major or minor required.

MAJOR—HEALTH AND PHYSICAL EDUCATION*

FRESHMAN YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Biol. 101—General Biology	3	Biol. 102—General Biology	3
Ed. 100—Freshman Orientation	0	P. Ed. 102—Orientation in P. Ed.	½
P. Ed. 101—Orientation in P. Ed.	½	P. Ed. 122—First Aid	2
P. Ed. 112—Personal Hygiene	3	P. Ed. 144—Minor Sports	1
P. Ed. 141—Folk and Social Dancing	1	P. Ed. 124—Hist. and Principles of Phys. Ed.	3
P. Ed. 111—Intro. to Phys. Ed.	2	Ed. 100A—Social Life	1
	15½		16½

SOPHOMORE YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Sci. 201—Intro. Physical Sciences	3	Sci. 202—Intro. Physical Sciences	3
Soc. 201—Intro. Social Sciences	3	Soc. 202—Intro. Social Sciences	3
Eng. 201—Public Speaking	3	Eng. 222—American Literature	3
Eng. 211—English Literature	3	Ed. 203—General Psychology	3
P. Ed. 201—Recreational Act.	½	P. Ed. 202—Recreational Act.	½
P. Ed. 213—Modern Dancing	1	P. Ed. 214—Modern Dancing	1
P. Ed. 231—Materials and Methods of Elementary Sch.	3	P. Ed. 232—General Physiology	3
P. Ed. 241—Minor Sports (Men and Women)	1	P. Ed. 242—Minor Sports (Men and Women)	1
	17½		17½

JUNIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
P. Ed. 221—Health & Safety Ed.	4	P. Ed. 302—Materials and Methods of Jr. & Sr. H. S.	3
P. Ed. 301—Practice (Men)	3	P. Ed. 303—Coaching Methods (Basketball)	3
P. Ed. 301-A—Practice (Women)	2	P. Ed. 304—Coaching Methods (Track)	3
P. Ed. 311—Human Anatomy	3	P. Ed. 312—Practice (Men)	3
P. Ed. 321—Org. & Adm. of Intramurals	2	P. Ed. 312A—Practice (Women)	2
P. Ed. 331—Kinesiology	3	P. Ed. 332—Kinesiology	3
Elective	2	Elective	3
	17-18		17-18

SENIOR YEAR

Option One

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
P. Ed. 401—Tests and Measurements	3	P. Ed. 402—Observation and Directed Teaching	9
P. Ed. 403—Coaching Methods (Football)	3	Ed. 412—Admin. Public Schools	3
P. Ed. 421—Org. & Admin. of Health and Phys. Ed.	3	Ed. 442—Human Development and Psychology II	3
P. Ed. 443—Org. & Admin. of Playgrounds and Rec.	3	Ed. 452—Fund. Sec. Education	3
Elective	3		
	13		18

Option Two

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
P. Ed. 402—Observation and Directed Teaching	9	P. Ed. 401—Tests and Measurements	3
Ed. 412—Admin. Public Schools	3	P. Ed. 403—Coaching Methods (Football)	3
Ed. 442—Human Development and Psychology II	3	P. Ed. 421—Org. & Admin. of Health and Phys. Ed.	3
Ed. 452—Fund. Sec. Education	3	P. Ed. 443—Org. & Admin. of Playgrounds and Rec.	3
Elective	3		
	13		15

* A minimum of 128 semester hours are required for graduation.

MAJOR—HOME ECONOMICS

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Biol. 103—General Zoology	4	Biol. 104—General Zoology	4
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Ed. 100—Freshman Orientation	0	P. Ed. 102—Orientation in P. Ed.	1/2
P. Ed. 101—Orientation in P. Ed.	1/2	H. Ec. 104—Child Care and Development	4
H. Ec. 100—Applied Art and Design	4	H. Ec. 108—Textiles and Clothing	4
H. Ec. 101 Food Problems	4	Ed. 100A—Social Life	1
	15 1/2		16 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Chem. 101—General Chemistry	4	Chem. 102—General Chemistry	4
Eng. 211—English Literature or		H. Ec. 204—Family Clothing	4
Eng. 201—Public Speaking	3	P. Ed. 202—Recreational Act.	1/2
P. Ed. 201—Recreational Act.	1/2	H. Ec. 208—Housing	3
H. Ec. 201—Meal Planning and Service	4	P. Ed. 232—Physiology	3
H. Ec. 205—Health & Home Nursing	3	Elect from Math., Music, or History and Government	3
Elect. from Math., Music or History and Government	3		
	17 1/2		17 1/2

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Chem. 201—Organic Chemistry	4	Biol. 302—Bacteriology	3
Soc. 201—Intro. Social Sciences	3	H. Ec. 302—Nutrition	4
H. Ec. 303—Household Equipment	3	H. Ec. 304—Home Furnishings and Design	3
H. Ec. 307—Advanced Clothing	4	H. Ec. 306—Family Relationship	4
Soc. 311—Prin. of Economics	3	H. Ec. 308—Economic Prob. of the Family	3
	17	Ed. 410HE—Home Economics Methods	3
			20

SENIOR YEAR

Option One

First Semester	Hours	Second Semester	Hours
Ed. 400—Directed Teaching	8	P. Ed. 221—Health and Safety	4
Ed. 442—Human Development and Psychology II	3	Ed. 203—General Psychology	3
Ed. 452—Fund. Sec. Education	3	H. Ec. 402—Adult Homemaking	2
H. Ec. 400—Home Management	5	Electives	6—9
	19		15—18

Option Two

First Semester	Hours	Second Semester	Hours
P. Ed. 221—Health and Safety	4	Ed. 400—Directed Teaching	8
Ed. 203—General Psychology	3	Ed. 442—Human Development and Psychology II	3
H. Ec. 402—Adult Homemaking	2	Ed. 452—Fund. Sec. Education	3
Electives	6—9	H. Ec. 400—Home Management	5
	15—18		19

MAJOR—AGRICULTURE*

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Agric. 103—Farm Animals	4	Agric. 104—Farm Poultry	4
Eng. 101—English Composition	3	Eng. 102—Farm Mechanics	3
Hist. 101—World Civilization	3	Biol. 104—General Zoology	4
Biol. 103—General Zoology	4	Agric. 102—Farm Practices	1
Agric. 101—Farm Practices	1	Agric. 105—General Horticulture	2
Agric. 100—General Horticulture	2	P. Ed. 102—Orientation in P. Ed.	1/2
P. Ed. 101—Orientation in P. Ed.	1/2	Ed. 100A—Social Life	1
			18 1/2

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Agric. 203—Farm Crops	4	Agric. 204—Farm Crops	4
Chem. 101—General Chemistry	4	Chem. 102—General Chemistry	4
Eng. 201—Public Speaking	3	Agric. 202—Farm Practices	1
Agric. 201—Farm Practices	3	Agric. 212—Vegetable Growing	3
Agric. 205—Mechanics	3	Agric. 214—Principles of Animal Nutrition	4
P. Ed. 201—Recreational Activities	1/2	P. Ed. 202—Recreational Activities	1/2
	19 1/2		16 1/2

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Agric. 303—Farm Dairying	4	Agric. 306—Farm Animal Sanitation	4
Soc. 311—Principles of Economics	3	Agric. 308—Marketing Farm Products	3
Soc. 331—Rural Sociology	3	Biol. 302—Bacteriology	3
Ed. 321—Prin. of Sec. Educa.	2	Ed. 302—Vocational Education	3
Biol. 401—General Entomology	4	P. Ed. 221—Health and Safety Educa.	4
Agric. 301—Farm Practices	1	Agric. 302—Farm Practices	1
	17		18

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Agric. 421—Agricultural Economics	3	Agric. 432—Teaching Vocational Education	18
Agric. 423—Farm Management	3		
Biol. 211—Genetics	3		
Sci. 221—Physical Geology	3		
Ed. 203—General Psychology	3		
Elective	3		
	18		

* A minimum of 128 semester hours are required for graduation. No additional major or minor required.

MAJOR IN GENERAL SCIENCE

(Area of Concentration)

The curriculum in General Science is designed primarily for students who wish to complete the teaching area in the Sciences. Beginning students should pursue the following plan:

1. For the Freshman and Sophomore years, follow the curriculum of the Biology or Chemistry Department; depending upon which field the student elects to pursue a minimum of 24 semester hours during the four years.
2. For the Junior year, the student who has completed the Sophomore curriculum in Biology should take all Junior year Biology and Education courses. In addition, a minimum of 8 hours of Chemistry should be pursued during the year; or
3. The student who has completed the Sophomore curriculum in Chemistry should take all Chemistry and Education courses for that year, in addition to a minimum of 8 hours in Biology.
4. Three hours in Physical Geology are required for a major in General Science.

MAJOR—BIOLOGY*

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Biol. 103—General Zoology 4		Biol. 104—General Zoology 4	
Math. 101—College Algebra 3		Math. 102—Trigonometry 3	
Eng. 101—English Composition 3		Eng. 102—English Composition 3	
Fren. 101—Elementary French 3		Fren. 102—Elementary French 3	
Hist. 101—World Civilization 3		Hist. 102—World Civilization 3	
P. Ed. 101—Orientation in P. Ed. ½		P. Ed. 102—Orientation in P. Ed. ½	
Ed. 100—Freshman Orientation 0		Ed. 100A—Social Life 1	
	16½		17½

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Biol. 211—Genetics 3		Biol. 213—General Botany 3	
Chem. 101—General Chemistry 4		Chem. 102—General Chemistry 4	
Eng. 211—English Literature 3		Eng. 222—American Literature 3	
Fren. 201—Intermediate French 3		Fren. 202—Intermediate French 3	
P. Ed. 221—Health and Safety Ed. 4		P. Ed. 202—Recreational Ed. ½	
P. Ed. 221—Health and Safety Ed. 4		Ed. 203—General Psychology 3	
	17½		16½

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Biol. 301—Gen. Human Physiology 4		Biol. 302—General Bacteriology 3	
Biol. 303—Comparative Vertebrate Anatomy 4		Biol. 304—Vertebrate Embryology 4	
Sci. 211—General Physics 4		Sci. 212—General Physics 4	
Electives 5—6		Ed. 410NS—Methods of Teaching 3	
	17—18	Elective 3	
			17

SENIOR YEAR

Option One

First Semester	Hours	Second Semester	Hours
Ed. 400—Directed Teaching 9		Biol. 401—General Entomology 4	
Ed. 412—Admin. Public Schools 3		Electives 12—13	
Ed. 442—Human Development and Psychology II 3			
Ed. 452—Fund. Secondary Ed. 3			
	18		16—17

Option Two

First Semester	Hours	Second Semester	Hours
Biol. 401—General Entomology 4		Ed. 400—Directed Teaching 9	
Electives 12—13		Ed. 412—Admin. Public Schools 3	
		Ed. 442—Human Development and Psychology II 3	
		Ed. 452—Fund. Secondary Ed. 3	
	16—17		18

MAJOR—CHEMISTRY*

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Fren. 101—Elementary French	3	Fren. 102—Elementary French	3
Math. 101—College Algebra	3	Math. 102—Trigonometry	3
Chem. 101—General Chemistry	4	Chem. 102—General Chemistry	4
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
P. Ed. 101—Orientation in P. Ed.	3	P. Ed. 102—Orientation in P. Ed.	3
Ed. 100—Freshman Orientation	0	Ed. 100A—Social Life	1
	16½		17½

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—English Literature	3	Eng. 222—American Literature	3
Fren. 201—Intermediate French	3	Fren. 202—Intermediate French	3
Math. 201—Plane Analytical Geometry	3	Math. 202—Solid Analytical Geometry	3
Chem. 201—Organic Chemistry, or Chem. 203—Qual. Analysis	4	Chem. 202—Organic Chemistry, or Chem. 204—Quantitative Analysis	4
Sci. 211—General Physics	4	Sci. 212—General Physics	4
P. Ed. 201—Recreational Act.	3	P. Ed. 201—Recreational Act.	3
	17½		17½

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Chem. 201—Organic Chemistry, or Chem. 203—Qualitative Analysis	4	Chem. 202—Organic Chemistry, or Chem. 204—Quantitative Analysis	4
Ed. 203—General Psychology	3	P. Ed. 221—Health and Safety Ed.	4
Soc. 311—Principles of Economics	3	Soc. 312—Principles of Economics	3
Electives	6—7	Ed. 410NS—Methods of Teaching	3
	16—17	Elective	3
			17

SENIOR YEAR

Option One

First Semester	Hours	Second Semester	Hours
Ed. 401—Tests and Measurements	3	Ed. 412—Admin. of Public Schools	3
Ed. 442—Human Development and Psychology II	3	Ed. 452—Fundamentals of Sec. Ed.	3
Electives	10—11	Ed. 400—Directed Teaching	9
	16—17		15

Option Two

First Semester	Hours	Second Semester	Hours
Ed. 412—Admin. of Public Sch.	3	Ed. 401—Tests and Measurements	3
Ed. 452—Fundamentals of Sec. Ed.	3	Ed. 442—Human Development and Psychology II	3
Ed. 400—Directed Teaching	9	Electives	10—11
	15		16—17

MAJOR—MATHEMATICS

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Comp. and Rhetoric	3	Eng. 102—English Comp. and Rhetoric	3
Math. 101—College Algebra	3	Math. 102—Trigonometry	3
Chem. 101—General Chemistry	4	Chem. 102—General Chemistry	4
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Ed. 100—Freshman Orientation	0	P. Ed. 102—Orientation in Phys. Educa.	½
Ed. 100A—Social Life	1	Ed. 100A—Social Life	1
	16½	Elective	3
			17½

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Math. 201—Plane Analytic Geometry	3	Math. 202—Solid Analytic Geometry	3
Soc. 201—Intro. Social Sciences	3	Eng. 222—American Literature	3
Eng. 211—English Literature	3	Sci. 212—Physics	4
Sci. 211—Physics	4	Math. 203—Calculus	3
P. Ed. 201—Recreational Activities	½	P. Ed. 202—Recreational Activities	½
	16½		16½

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Math. 313—Theory of Equations	3	Math. 306—College Geometry	3
Math. 303—Differential Equations	3	P. Ed. 221—Health and Safety Education	4
French 101—Elementary French	3	French 102—Elementary French	3
Ed. 442—Human Development and Psychology II	3	Electives	7
	5		17

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Math. 401—Advances Calculus	3	Educa. 410M—Methods of Teaching	3
Educa. 401—Tests and Measurements	3	Educa. 412—Admin. of Public Schools	3
Electives	10—11	Educa. 452—Fundamentals of Sec. Education	3
	16—17	Educa. 400—Directed Teaching	9
			18

MAJOR—VOCATIONAL AND INDUSTRIAL EDUCATION

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
Eng. 101—English Composition	3	Eng. 102—English Composition	3
Hist. 101—World Civilization	3	Hist. 102—World Civilization	3
Ed. 100—Freshman Orientation	0	P. Ed. 102—Orientation in P. Ed.	½
P. Ed. 101—Orientation in P. Ed.	½	Math. 102—Trigonometry	3
Math. 101—College Algebra	3	I. Ed. 102—Mechanical Drawing	3
I. Ed. 101—Mechanical Drawing	3	I. Ed. 112—Elementary Woodwork	3
I. Ed. 111—General Shop	3	I. Ed. 122—Electric Servicing	1
I. Ed. 121—Electric Servicing	1	Ed. 100—Social Life	1
	16½		17½

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
Sci. 201—Intro. Physical Sciences	3	Sci. 202—Introduction to Physical Sciences	3
Eng. 201—Public Speaking	3	I. Ed. 202—Machine Shop	3
I. Ed. 201—General Metal	3	I. Ed. 212—Industrial Arts Design	3
I. Ed. 211—Cabinet Making	3	Sci. 212—General Physics	4
Sci. 211—General Physics	4	I. Ed. 221—Machine Woodworking	3
P. Ed. 201—Recreational Activities	½	P. Ed. 202—Recreational Activities	½
	16½		16½

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
Eng. 211—English Literature	3	Ed. 302—Vocational Education	3
Ed. 203—General Psychology	3	P. Ed. 221—Health & Safety	4
I. Ed. 301—Machine Shop	3	I. Ed. 362—Preparation of Inst. Materials	3
I. Ed. 321—Electric Servicing	1	Elect from group below	
I. Ed. 351—Arch. Drawing	3	I. Ed. 312—Radio	3
Elect from group below		I. Ed. 322—Welding	3
I. Ed. 311—Radio	3	I. Ed. 332—Bldg. Construction	3
I. Ed. 341—Machine Cabinet Making	3	I. Ed. 352—Plumbing and Pipe Fitting	3
	15		16

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
Ed. 401—Tests and Measurements	3	Ed. 410 I. Ed.—Methods of Teaching	3
Educa. 442—Human Development and Psychology II	3	Ed. 412—Admin. Public Schools	3
I. Ed. 401—Painting and Interior Decorating	3	Ed. 452—Fundamentals of Sec. Ed	3
I. Ed. 431—Building Construction	3	Ed. 400—Directed Teaching	3
I. Ed. 441—Cement and Concrete	3		
I. Ed. 451—Arch. Drawing	3		
	18		17

*One semester only.

TWO-YEAR TERMINAL TRADE COURSES

The purpose of these courses is to afford opportunity for those persons who do not wish to spend four years in college but wish to prepare themselves in the basic techniques required for employment in a trade. Sufficient related work is required to give the student a thorough grasp and understanding of his chosen trade. The offerings of the two-year terminal courses are: Radio Repair, Carpentry, Welding, Poultry, and Dairying.

ENTRANCE REQUIREMENTS

These courses are open to graduates of both high schools and elementary schools. Persons who have attended college or who have finished college who wish to take the courses to aid them in their occupations may enroll for them.

Prescribed uniforms, books, and tools must be purchased by all students.

TRADE CURRICULA

	Clock Hours Per Week
Trade Practice	I II III IV 18
Trade Theory	I II III IV 3
Trade Mathematics	I II III IV 3
Trade Drafting	I II III IV 6
Total	30

In addition all students are required to take a course in Business Principles. Students must also take such other related work as their needs reveal as being necessary adequately to prepare them to pursue their chosen trade.

RADIO SERVICES

Radio I—DC and AC currents, resistances, condensers, and the law.

Radio II—Study of vacuum tubes, their classification, operation, and characteristics.

Radio III—Study of inductance, transformers, circuit diagram reading, code, and symbols.

Radio IV—Techniques in servicing radios, trouble-shooting and use of testing equipment.

CARPENTRY

Carpentry I —Deals with materials and proper uses of hand and power tools.

Carpentry II —Study of methods of laying out and the framing of the house from the footing to the ceiling joist.

Carpentry III—Deals with all types of roof construction.

Carpentry IV—Study of step construction, flooring, and all types of interior and exterior trim.

WELDING

Welding I —The physical and chemical properties of metals and alloys as used in welding. Chipping and filing using different metals.

Welding II —Study of the methods of gas welding. The use of the Acetylene Torch in cutting and welding.

Welding III—Study of the electric arc welder. The study of the various types of weld, the types of welding rods and their current needs.

Welding IV—Study of the different types of welding. Practical exercises in overhead welding, brazing and cutting.

POULTRY

Poultry I —The study of ailments, care, housing, selection of breeds, and factors influencing hatchability of eggs.

Poultry II —Incubation, brooding, economic classification of breeds and varieties of chickens.

Poultry III—A study of poultry farm organization including culling housing, feeding, and production records.

Poultry IV—A study of principles and practices of marketing poultry products. This course is designed to familiarize students with market classification, quality factors, grades, preparation, and uses of poultry and egg products.

DAIRYING

Dairying I —The study of dairy farms and their management. The study of feed standards and their application to the dairy herd, of diseases and their prevention.

Dairying II —The study of the production of milk and its processing. Practical experiences in milking and pasteurization.

Dairying III—The study of dairy products and their sterilization. The production of butter and cheese. Practical exercises in making butter and cheese.

Dairying IV—The study of market conditions. Training in record keeping and the management of the dairy farm.

MILITARY RESERVE PROGRAM

While Kentucky State College does not have a regular ROTC or NOTC program, its students may participate in the United States Army Reserve Program. To all 18 year old male students the program is open. Male students 17 years old may participate with the consent of their parents.

Meetings of the Reserve are held at the College on the first and third Mondays of each month. Each member of the Reserve is paid one day's pay for each unit meeting he attends. All required uniforms and equipment are issued free of charge by the United States Army.

At present there are two companies of the 100th Infantry Division (Reserve) located at the College. Reservists are given training in various military tactics, weapons, military justice, and other phases of military life. Active duty training is required of all Reservists. Members of the units are required to train annually for a two week period at an Army base. This training period begins on August 15, and ends August 29, each year. During the summer training period, each man has the same privileges of any other serviceman. Each man is paid a full two week's pay according to rank.

Since every able-bodied young man is now subject to the draft, there are several advantages to be derived from joining a Reserve unit. Some of these are:

1. Time spent in the Reserve is deducted from the eight-year obligation of military service now faced by each able-bodied young man.
2. Each Reservist is paid one day's pay for each unit meeting he attends.
3. When called for induction a Reservist may apply for active duty in his Reserve rank or grade. Reservist may be promoted as high as the rank of Master Sergeant. Thus, while Reserve training does not exempt anyone from the draft, it does prepare a young man for active duty and gives him a definite head start on the man who has not had Reserve unit training.
4. The Army Reserve Program is part of the American defense plan to prepare men to be ready to defend the country at any time.

The Military Reserve Program in no way conflicts with the regular college program. Reservists follow the same academic programs as other students and may qualify for graduation in the same time required by those not in the Reserve.

REGIONAL EDUCATION PLAN in VETERINARY MEDICINE
for
RESIDENTS of KENTUCKY

Since there is no college or university in the State of Kentucky which offers training in Veterinary Medicine, the State, through the Regional Education Plan, has made it possible for a limited number of qualified youth of Kentucky to enroll in the approved School of Veterinary Medicine at Tuskegee Institute, Tuskegee Institute, Alabama.

Under this plan the State pays Tuskegee Institute the equivalent of the out-of-state fee. Thus, the student from Kentucky will have to pay only the small fee usually paid by a resident of the State of Alabama.

To enter the School of Veterinary Medicine at Tuskegee Institute, a student must have completed a two-year, pre-veterinary program, or its equivalent. This must include the courses basic to the study of Veterinary Medicine.

Interested students should write the Registrar of Tuskegee Institute or the Dean, School of Veterinary Medicine at Tuskegee, for course requirements and other details.

Applications for approval under the Regional Plan should be sent to—

Dr. R. B. Atwood, Member
Certification Committee
Kentucky State College
Frankfort, Kentucky

After certification the approved applications will be sent to Tuskegee Institute and the necessary "Permit to Register" will be mailed to the applicant.

Trained Veterinarians are needed in every section of the country and in many fields of endeavor. Veterinary Medicine leads to careers in the following: Private Practice, food inspector, college instructor, stock farm manager, animal disease, control officer, supervisor of field, regulatory work, army service, and research.

Tuskegee Institute offers a six-year course leading to the degree of Doctor of Veterinary Medicine.

The first two years are pre-professional and the required work is offered through the major in General Science. In addition, candidates should take the required work in Animal Science in the Department of Agriculture.

The professional curriculum is offered by the School of Veterinary Medicine. It requires four years of specialized study.

Applicants for the four-year professional course must have earned 60 semester hours of credit, above high school, with a grade of "C" or better. These credits must have been earned in the following subjects:

	Sem. Hrs.
ENGLISH	12
PHYSICAL SCIENCE:	
a. Chemistry (General, Qualitative Analysis and Organic)	12
b. Physics—(one year)	6
BIOLOGICAL SCIENCE:	
a. Zoology, (General, Comparative Vertebrate Anatomy)	8
b. Embryology	2
c. Genetics	2
d. Botany	2
ANIMAL SCIENCE:	
a. Elements of Animal Husbandry	2-3
b. Poultry Husbandry	2-3
ELECTIVES:	12
Group I —Literature, Public Speaking, Logic, a Foreign Language, Philosophy and Psychology.	
Group II —Political Science, Economics, History and Sociology.	
Group III—Mathematics, Algebra, Trigonometry and Statistics.	
Group IV—Livestock judging and Free Electives.	

Also, applicants in possession of Bachelor degrees in agriculture, chemistry, or biological sciences (including pre-med.) who have completed the requirements for these degrees with an accumulative grade point average in excess of "C" or its equivalent shall be considered AT THE DISCRETION OF THE COMMITTEE ON ADMISSIONS IN THE SCHOOL OF VETERINARY MEDICINE for admission to the professional curriculum in Veterinary Medicine. Upon recommendation of the Committee on Admissions, stated prerequisite courses which individuals have not completed shall be waived and the applicant admitted to the professional curriculum. In no case may applicants be considered favorably under the above conditions who have not completed a course in Organic Chemistry.

DEPARTMENT OF AGRICULTURE

The major in Agricultural Education consists of a four year course leading to a Bachelor of Science Degree. The program of Agricultural Education is designed to prepare students to become teachers of agriculture, county extension agents, and practical farm operators. Opportunity for practical experiences is provided for students by using the college farm of 268 acres as a laboratory. This farm consists of a modern farm home and dormitory to house majors in agriculture, a barn, tools, machinery, sheds, workstock, Holstein and Jersey cattle, beef cattle, swine and poultry.

Students must demonstrate that they have a practical knowledge of farm activities and rural life conditions before receiving their degrees. Students entering the Department of Agriculture, who have not had farm experience, must receive such experience while pursuing their college work. A year of farm residence is required of all majors in agriculture before receiving a degree.

COURSE DESCRIPTION

AGRICULTURE 101, 102, 201, 202, 301, 302. *Farm Practices*.—Each student is required to spend not less than four hours a week on the college farm. Assignments to be made each semester based on his needs, experience and aptitudes. Laboratory work. Credit 1 hour each semester. Required of Agriculture majors.

AGRICULTURE 103. *Farm Animals*.—A general survey course in animal husbandry. A study of types and breeds, together with market classifications. A part of the time will be devoted to selection, judging, care and management of farm animals. Credit 4 hours.

AGRICULTURE 104. *Farm Poultry*.—A study of the poultry enterprise with special emphasis on the future of the industry in Kentucky. The course will cover classification of breeds and varieties of chickens. A study of the anatomy, ailments, care, housing, selection, breeding and processing for market purposes. Also attention will be given to incubation, colony and battery brooding. The farm poultry plant will be used as a laboratory. Credit 4 hours.

AGRICULTURE 105-106. *General Horticulture*.—This course will deal with the fundamental practices in horticulture, plant classification and preparatory to orchard establishment. The care and management of orchards with indicated skills in pruning, spraying, harvesting and marketing fruits. Credit 2 hours in each course.

AGRICULTURE 108. *Farm Mechanics*.—A general course in farm mechanics. This course is designed to qualify students for doing ordinary farm building construction and repair. Students are to be taught the use of woodworking tools as well as the care for them. Credit 3 hours.

AGRICULTURE 203. *Farm Crops*.—A study of field and forage crops; their classification, value, production, cultivation and use.

Crops produced in the State and in the south will be stressed. There will be classroom recitation and laboratory work on college farm. Credit 4 hours.

AGRICULTURE 204. *Advanced Farm Crops*.—A course dealing with the theory and practices of crop production and scientific management of farm land. Special emphasis will be given to cash crops in Kentucky. Laboratory exercises will constitute a large part of the work in this course. Credit 4 hours.

AGRICULTURE 205. *Farm Mechanics*.—This course will provide skills in the operation of farm machinery, such as tractors, binders, grinders and haying tools. Credit 3 hours.

AGRICULTURE 207. *Farm Soils*.—This course will deal with the classification of soils, with emphasis on those in the State. Special attention will be given to adaptability, care and management. Fertilizers, manures, and lime will be considered in this course. Credit 4 hours.

AGRICULTURE 212. *Vegetable Growing*.—The art and science of growing vegetables, sowing and planting, cultural methods, cropping systems, harvesting and marketing, the construction of hotbeds and coldframes, and greenhouses. The college farm will serve as a laboratory. Credit 3 hours.

AGRICULTURE 214. *Principles of Animal Nutrition*.—This course will deal with the types and varieties of feeds for farm animals. Attention will be given to the newer discoveries in animal nutrition, including the functions and importance of vitamins and minerals for economic production of animals for meat, milk, work and wool. Also, attention will be given to plans for home production of both roughages and concentrates. Laboratory exercises will be carried out on college farm where feasible. Credit 4 hours.

AGRICULTURE 303. *Farm Dairying and Dairy Manufacture*.—The work in this course will deal with selection, judging, together with herd management and production of grade "A" milk. A study of dairy breeds, the small farm dairy enterprise, pasturage and forage crops. Emphasis will also be given to milk testing, butter-making and other milk products. Laboratory work will be required of all agriculture majors. Credit 4 hours.

AGRICULTURE 306. *Farm Animal Sanitation*.—This course is intended to: (1) enable the student to understand and appreciate the attributes of healthy animals; (2) to be able to prevent, diagnose, combat and control the more common diseases of farm animals. Credit 4 hours.

AGRICULTURE 308. *Marketing Farm Products*.—This course will deal with marketing of agricultural products, functions and principles of marketing. Federal and State legislation relating to marketing farm products, and problems dealing with marketing. Credit 3 hours.

AGRICULTURE 421. Agricultural Economics.—A study of general economic principles as applied to the field of agriculture. Students will be required to make a study of the production, consumption, value, and the distribution of farm products. Credit 3 hours. Required of all majors in Agriculture.

AGRICULTURE 423. Farm Management.—This course is intended to teach the student the science of selecting and managing a farm economically and productively. It will deal with such features as extensive and intensive farming, farm accounting, labor problems, capital, investments and size of farms generally found to be the most profitable. Credit 3 hours.

AGRICULTURE 432. Teaching Vocational Agriculture.—This course is designed to develop the understanding and ability of the trainee to carry out the aims of vocational education in agriculture. It will include the selection of course content, making surveys, a study of State reports, organizing classes, preparation of visual aids and preparing farm products for exhibits. This course will also include Observation and Directed Teaching which will be done in designated local training centers, under the direction of supervising teachers and teacher-trainer for agricultural education. Credit 18 hours.

DEPARTMENT OF BUSINESS ADMINISTRATION

The major teaching objective of the Department of Business Administration is the training for effective participation in business activities and for responsible membership in the modern community. Business activities may be technical, professional, or general in character. The program of the Department of Business Administration has been developed to meet the requirements of each type. To that end, the following curricula are offered:

1. General Business
2. Business Teacher Education
3. Secretarial Training
4. Commercial Teacher Education

COURSE DESCRIPTION

BUSINESS ADMINISTRATION 101. Elementary Typewriting.—The development of posture, correct writing technique, knowledge and care of the machine, the arrangement of simple material in attractive form, and the typing of business letters and articles. Speed requirement, 35 words. (Lab. Fee \$3.00) Credit 2 hours.

BUSINESS ADMINISTRATION 102. Intermediate Typewriting.—Speed and accuracy drills are stressed in an effort to attain 50 words a minute, the speed requirements for the first year. Tabulation, the typing of rough drafts, cards, form letters, stenciling; attention is given to the typing of term reports, research style. (Lab. Fee \$3.00) Credit 2 hours.

BUSINESS ADMINISTRATION 111-112. Business Mathematics.—This is an elementary course in the Principles of Mathematics as it relates to simple business problems and their computation, beginning with the simple mathematical procedures and advancing to the more difficult procedures. Consideration is given to Algebra, simple interest and discount, commissions, profit and loss computation. Credit 3 hours for each course.

BUSINESS ADMINISTRATION 201. Advanced Typewriting.—The development of proficiency adequate to meet vocational requirements. Emphasis is placed on legal documents; programs and artistic typing the minimum speed of 60 words per minute on a 10-minute timed test, with a maximum of five errors. Proficiency in both speed and typing power must be demonstrated by examination before a final mark is given. Credit 2 hours. (Lab. Fee \$3.00)

BUSINESS ADMINISTRATION 204. Business English.—The use of correct, forceful English in business correspondence; class discussions on the style structure and aims of business letters; study of principles and methods of inducing the reader to act; practice in preparing application letters, credit and collection letters, and business reports. Credit 3 hours.

BUSINESS ADMINISTRATION 211-212. Elementary Stenography.—Introduction of the fundamentals of Gregg Stenography through the traditional approach. Credit 3 hours for each course.

BUSINESS ADMINISTRATION 221. Principles of Business.—A study of the fundamental principles of business organization, finance, banking, credit, management, salesmanship, and advertising. Required of all business majors and prerequisite to all business courses. Credit 3 hours.

BUSINESS ADMINISTRATION 223. Secretarial Practice and Filing.—The development of a knowledge of the procedures and practices in the modern office. Some of the topics discussed are: Duties of a secretary; handling of mails; deportment and ethics; use of office reference books; itineraries; telephoning and receiving callers; travel information, etc. The study of filing procedure and filing equipment; the development of vocational efficiency in the use of business machines, which includes the mimeograph, ditto, adding machine, calculating machine, comptometer, and dictaphone. Credit 3 hours.

BUSINESS ADMINISTRATION 301-302. Principles of Accounting.—A study of the fundamental principles of accounting as they apply to modern business practice, including the theory of debit and credit, accounting records of various kinds, simple balance sheets and income statement. Credit 4 hours for each course.

BUSINESS ADMINISTRATION 311. Advanced Stenography.—The development of fluency in reading, the acquiring of a good writing

vocabulary, and the attainment of fluency and accuracy in the execution of notes should be clinched in this semester. Two of the short classics are read in short hand. Speed, 100 words per minute. Credit 3 hours.

BUSINESS ADMINISTRATION 312. Dictation and Transcription.—Integration of the skills developed in typewriting and stenography. The transcription rate of 25 words per minute is the goal. The student receives his final mark only after he has done laboratory work in various offices and passed the proficiency examination. Credit 3 hours.

BUSINESS ADMINISTRATION 321-322. Business Law.—A year course in the basic principles underlying the legal aspects of business. Case material is used to illustrate and develop the subject matter of the course, and among the topics studied are the law of contracts, agency, negotiable instruments, guaranty and suretyship, real and chattel mortgages, sales and wills. With permission it may be taken as a half course during the first semester. Credit 3 hours for each course.

BUSINESS ADMINISTRATION 323. Business Organization and Finance.—This course presents the principles underlying the organization and management of various forms of private business enterprises, such as the individual proprietorship, partnership, corporation, holding company and co-operative forms. Special stress is given to internal organization for managerial control; types of management; powers and duties of stockholders, directors, and the chief administrative officers; executive qualities, techniques of managerial and executive control; lines of authority and responsibility, and checks and measures of performances. Credit 3 hours.

BUSINESS ADMINISTRATION 331-332. Money and Banking.—Treatment of the history and principles of money and banking, the relation of business to the banking system, commercial and non-commercial banking and the development of the Federal Reserve System. Credit 3 hours each course.

BUSINESS ADMINISTRATION 341. Real Estate.—Subject matter dealing with land contracts, interests in realty, liens, tax assessments, deeds, leases, brokerage, subdividing and developing, mortgages, valuation and management thereof. Credit 2 hours.

BUSINESS ADMINISTRATION 351. Principles of Salesmanship.—A study of the principles and practices concerning the functions of sales management and policies followed by a thorough study of the steps of opening and closing sales. Credit 2 hours.

BUSINESS ADMINISTRATION 361. Mathematics of Finance.—A comprehension and detailed analysis of the fundamentals, dealing with problems involving computation of compound theory of

interest and annuities to the amortization of interest-bearing debts, the evaluation of bonds and other securities, sinking funds, depreciation, and the operation of building and loan associations. Credit 3 hours.

BUSINESS ADMINISTRATION 402. Methods and Materials.—Emphasis is placed on four subjects: Stenography, Typewriting, Secretarial Practice and Filing, and Accounting. Credit 4 hours.

BUSINESS ADMINISTRATION 405. Cost Accounting.—This is a study of the principles, practices, and procedures involved in collecting, assembling, analyzing, and controlling manufacturing costs: material, labor, and overhead. Cost accounting as a managerial tool is stressed, and emphasis is placed on procedures as they affect job order costs. Prerequisites: B. A. 301-302. Credit 3 hours.

BUSINESS ADMINISTRATION 406. Cost Accounting.—This is a continuation of the study of accounting procedures and practices, but with emphasis on the cost procedures as they apply to process cost. An introduction to Standard Cost is also given. Prerequisite: B. A. 405. Credit 3 hours.

BUSINESS ADMINISTRATION 411. Principles of Insurance.—This course presents the personal and business uses and fundamental principles of insurance in general. The types and organization of insurance business, a study of life, accident, health, liability, compensation, unemployment, and special forms of life insurance—such as fraternal, industrial, group, sub-standard, and non-medical life insurance, are also treated. Credit 3 hours.

BUSINESS ADMINISTRATION 412. Principles of Insurance.—The contract, insurable interest, rates and settlement of losses in fire, marine, automobile, title, credit insurance, and corporate bonding, comprise the study for the second semester. Credit 3 hours.

BUSINESS ADMINISTRATION 421. Office Practice and Machines.—This course is designed to provide laboratory and office experience for senior secretarial students. Sufficient practice will be given to develop skill in the operation and care of these machines. Credit 2 hours. (Lab. Fee \$1.50 per sem. hr.)

BUSINESS ADMINISTRATION 431. Intermediate Accounting.—The main concern of this course is with the problem of valuation for balance-sheet and income-statement purposes. The asset, liability, and proprietorship accounts are taken up in turn and analyzed with deference to their proper valuation. The problems involved in handling, depreciation, good will, and other intangibles are carefully treated. Prerequisite: B. A. 301-02. Credit 3 hours.

BUSINESS ADMINISTRATION 432. Advanced Accounting.—This course is a sequel to B. A. 431, and undertakes a critical discussion of problems involved in branch accounting, consolidated statements,

liquidation and realization statements, statement of affairs, statement of source and application of funds, and accounting for estates and foreign exchange transactions. Prerequisite: B. A. 301-302 and 431. Credit 3 hours.

DEPARTMENT OF HOME ECONOMICS

The Department of Home Economics seeks to meet the needs of prospective teachers through the following aims:

- (1) To provide training for those students who plan to teach home economics.
- (2) To prepare efficient homemakers.
- (3) To qualify students for graduate study in technical or professional work.
- (4) To qualify students for a professional state certificate.

Each student is required to have white aprons and simple low-heeled shoes for her work in foods.

Every student is required to purchase her own sewing materials which cost about four dollars for the first year. It is recommended that students bring with them sewing bag, basket or box, containing needles, thimble, scissors, pins, tape measure and foot rule.

HOME ECONOMICS 100. Applied Art and Design.—The development of good taste and appreciation of art; color and design and their application to individual and home. Credit 4 hours.

HOME ECONOMICS 101. Food Problems.—Source, selection, preparation and preservation of food materials; individual laboratory problems illustrating principles of cookery and their application. Credit 4 hours. (Lab. Fee \$1.50 per sem. hr.)

HOME ECONOMICS 104. Child Care and Development.—This course is concerned with the emotional, physical, social growth and care of the child; behavior problems, heredity, influence of environment and family. Credit 4 hours. (Offered as an elective to other departments.)

HOME ECONOMICS 108. Textiles and Clothing.—Study of textile fiber construction and labeling of material; testing material to determine serviceability; basic principles underlying use of patterns, construction and fitting of simple garments. Credit 4 hours.

HOME ECONOMICS 201. Meal Planning and Table Service.—Nutritionally adequate menus at various income levels; a study of variety and grades of food material available in retail stores; meal preparation and table service for various social occasions. Credit 4 hours. (Lab. Fee \$1.50 per sem. hr.)

HOME ECONOMICS 204. Family Clothing.—Clothing problems of the family including children's and men's garments and renovation problems. Credit 4 hours.

HOME ECONOMICS 205. Home Nursing.—A consideration of the responsibility of various members of the family in promoting health in the home and in the community. Four meetings per week. Credit 3 hours.

HOME ECONOMICS 208. Housing Problems and Policies.—Analysis of factors making housing a problem; problem of housing in rural and urban communities; housing standards; governmental policies related to housing; programs designed to meet the housing problem. Credit 3 hours.

HOME ECONOMICS 302. Nutrition and Dietaries.—Human requirements for dietary essentials as modified by age, sex, occupation, and other factors; construction of practical diets to meet requirements. Credit 4 hours. (Offered as elective to other departments.) (Lab. Fee \$1.50 per sem. hr.)

HOME ECONOMICS 303. Household Equipment.—This course is designed to give the student an opportunity to study various household appliances, their care, use and how to make wise purchases. Credit 3 hours.

HOME ECONOMICS 304. Home Furnishings and Design.—Planning and decorating the house to meet personal family and economic problems involved in comfortable present day living. Trends in home furnishings, designs, arrangement, color in use as background information. Credit 3 hours.

HOME ECONOMICS 305. Nutrition Work With Children.—Considers the problems of malnutrition and good nutrition as they affect childhood; practical methods for the eradication of malnutrition and continuation of good nutrition with emphasis on the school lunch. Adapted to meet the needs of teachers and others who because of their positions should be expected to contribute largely to the nutritional needs of the child. For education majors only. Credit 2 hours, (no laboratory).

HOME ECONOMICS 306. Family Relationship.—The study of responsibility of each member of the family in sharing home activities, understanding of financial problems, use of leisure time and how social and economic changes affect family life. Credit 4 hours. (Elective for other departments.)

HOME ECONOMICS 307. Advanced Clothing.—The study of historic and period costumes, accessories, and tailoring. Practical applications are made by sketching design, then draping. You will be required to make two garments, one as result of study of historic costumes and a tailored garment of silk or wool. Credit 4 hours.

HOME ECONOMICS 308. *Economic Problems of the Family.*—Responsibilities of the family and its effectiveness in meeting them; adequacy of family incomes for supporting family members; economic position of house keeping women; problems arising in the disbursement of family income; economic aspects of divorce; meeting family responsibilities with loss of income from unemployment, disability, death, old age. Credit 3 hours. (Offered as elective to other departments.)

HOME ECONOMICS 310. *Costume Design.*—A study of dress with emphasis on color in relation to the individual. Problems include an analysis of fashion trends, the use of historic costumes as a basis for designing modern dress, planning personal wardrobes, creating becoming color ensembles and correcting figure defects. Credit 4 hours. Prerequisites H. Ec. 100, 203, 204, and 307.

HOME ECONOMICS 400. *Home Management.*—In this course the student will evaluate, co-ordinate and put into practice subject matter acquired in other courses. Experiences are planned in various household routines; budgeting time, energy and money; keeping records; food preparation, selection, and service; housekeeping techniques, and the care and use of household equipment. Residence is required in Home Management house from six to eight weeks. Credit 5 hours.

HOME ECONOMICS 401. *Nursery School Education.*—This course is designed to give the student an experience in working with pre-school children. Psychology is applied in relationship to guiding pupil development. Major emphasis is placed on history, management and organization of a nursery. Credit 3 hours. (Home Economics Elective.)

HOME ECONOMICS 402. *Adult Homemaking.*—This course prepares students for teaching homemaking to adults. A study of organizing, promoting and teaching adult classes. Observation and participation in adult classes are required. Credit 2 hours.

HOME ECONOMICS 404. *Nutrition in Disease.*—Adaptation of the normal diet to provide adequate nutrition in practical dietary problems. Prerequisites: H. Ec. 101, 201, and 302. Credit 3 hours.

HOME ECONOMICS 405. *Textile Testing.*—Chemistry of natural and synthetic fibers, bleaches, dyestuffs and finishes. Physical, chemical and optical testing of textile fabrics. Credit 3 hours.

HOME ECONOMICS 406. *Buying Textiles and Clothing.*—Study of factors relevant to basic understanding of qualities in ready-to-wear clothing and household textiles. Credit 3 hours.

DEPARTMENT OF ENGLISH LANGUAGE AND LITERATURE

The general aims of the department of English are as follows: (1) to train prospective teachers of English. (2) To train the student to speak and write correctly. (3) To teach the student to recognize and appreciate the lasting values in literature. (4) To teach the student the values of finding information in printed sources; to show the breadth of outlook and deepened sympathies which come from extensive association with many authors; to encourage the gradual development of a habit, seeking in progressively better and more challenging books a source of personal satisfaction and enjoyment.

COURSE DESCRIPTION

ENGLISH 100. *Remedial English.*—A non-credit course required of all freshmen who fail to earn an acceptable mark on the English Placement test, and may be required in whole or in part of any student who fails to maintain a satisfactory standard in English 101 or 102. No credit.

ENGLISH 101. *English Composition and Rhetoric.*—Required of all freshman except those excused because of superior performance on the Placement Test. Aims to encourage the habitual application of the student's knowledge of correctness in language and to develop a clear, natural, and easy self-expression. Credit 3 hours.

ENGLISH 102. *English Composition and Rhetoric.*—Continuation of English 101. Aims to maintain writing skills developed in English 101, and to develop competence in understanding and in expressing ideas. Prerequisite: English 101. Credit 3 hours.

ENGLISH 103. *Advanced Composition.*—For students interested in writing as a career and required of those exempted from English 101. Aims to increase the student's proficiency in writing and to stimulate his creative and critical abilities. Prerequisite: consent of instructor. Credit 3 hours.

ENGLISH 104. *Advanced Composition.*—A continuation of English 103, with the aim of developing an efficient and effective style of writing. Prerequisite: consent of instructor. Credit 3 hours.

ENGLISH 201. *Public Speaking.*—A study of healthful habits of speaking, the consideration of individual difficulties in speech, and the development of effective speech in everyday discourse. Prerequisite: English 101 and 102. Credit 3 hours.

ENGLISH 202. *Children's Literature.*—In this course there is studied the literature which is especially suitable for use in the elementary grades. Considerable emphasis is placed upon the technique of presenting this literature to the child in story-telling, et cetera. Prerequisites: English 101 or 103. Credit 3 hours.

ENGLISH 204. Problems of Voice Training.—Through training and practice, designed to improve vocal conditions for all speech purposes. Required of all English majors. Credit 3 hours.

ENGLISH 211. Survey of English Literature.—An appreciative study of representative work by the most outstanding English authors, from Chaucer to contemporary writers. Prerequisites: English 101 and 102. Credit 3 hours.

ENGLISH 222. Survey of American Literature.—Critical and appreciative study of the major American writers, with attention to the background, tendencies, and movements in the political, social, and literary life in America. Credit 3 hours.

ENGLISH 232. World Literature.—Designed to familiarize the student with the literature of other lands and peoples, to develop a deeper understanding of other nations through their greatest writing, and to encourage wide reading throughout life. Prerequisites: English 101 or English 103, English 211 or 222 Credit 3 hours.

ENGLISH 241. Radio Arts.—Designed to introduce the student to the possibilities of radio as a medium of communication. To provide the student with the fundamentals of broadcasting, including the development of scripts and all phases of technical work. Prerequisites: English 101 and 102, or, 103 and 104, and approval of instructor. Credit 3 hours.

ENGLISH 301. Romanticism.—The principles and ideas of Romanticism as expressed in the works of the principal English writers of poetry and prose from 1798 to 1832. Credit 3 hours.

ENGLISH 302. Victorian Literature.—The works of the principal authors of the Victorian era in relation to the problems of politics, intellectual, and social trends of the period. Prerequisites: English 211. Credit 3 hours.

ENGLISH 311. History of the English Language.—The major facts concerning the place of English among the languages of the world and the history of its development from the earliest beginnings to the present time. Credit 3 hours.

ENGLISH 312. Shakespeare.—Analysis, discussion and criticism of at least twelve of the principal plays of Shakespeare. A study of the literary background of Shakespeare together with his place in the development of Elizabethan drama. Offered in alternate years. Credit 3 hours.

ENGLISH 321. Public Discussion and Debate.—Designed to give the student experience in the techniques of informal discussions and argument. Offered in alternate years. Credit 3 hours.

ENGLISH 331. Dramatic Interpretation and Acting.—The appreciation, interpretative reading and acting of scenes from the various forms of drama. Especially recommended for those who plan to teach English. Offered in alternate years. Credit 3 hours.

ENGLISH 332. Journalism.—Theoretical and practical work in recognizing, gathering, and writing news. Discussion and critical evaluation of current journalistic techniques. Credit 3 hours.

ENGLISH 341. The English Novel.—A study of the novel as a literary type; the genesis of the English Novel, its debt to foreign writers, and its development to the present. Prerequisite: English 211. Credit 3 hours.

ENGLISH 342. Stage Craft.—Practical study of the planning, designing and construction of stage setting, lighting equipment, costumes and properties. Actual experience in stage management and make-up. Offered in alternate years. Credit 3 hours.

ENGLISH 352. Contemporary Literature.—Evaluation of the modern poetry and prose of England and America since 1900. Offered in alternate years. Credit 3 hours.

ENGLISH 401. Negro Literature.—A critical survey of important Negro writers from the earliest beginning to the present. Offered in alternate years. Credit 3 hours.

ENGLISH 412. Chaucer, Milton and Shakespeare.—An interpretative and analytical study of three great figures in English literary history and their influence upon the literature and language of England. Prerequisite: English 211. Offered in alternate years. Credit 3 hours.

ENGLISH 421. Play Directing.—Study and practice in the theory and problems of stage directing. Prerequisite: English 331 or 342. Offered in alternate years. Credit 3 hours.

ENGLISH 432. History of the Theatre.—Designed to give the student a knowledge of dramatic history in relation to the problems of staging—of the physical theatre and written drama. Offered in alternate years. Credit 3 hours.

ENGLISH 442. Honors Course.—A program of reading is arranged for each student, with individual conferences and reports. This course is open to Senior majors and minors in English with superior ability. Prerequisite: approval of instructor. Offered in alternate years. Credit 3 hours.

THE DEPARTMENT OF ROMANCE LANGUAGES AND LITERATURE

In this department, courses are offered in two languages: French and Spanish, with a major offered only in the former.

Aims of elementary courses (first two years)

1. To teach the basic fundamentals of grammar, syntax, pronunciation of the foreign language so that the student will be able to read the language intelligently, and to speak and write it on an elementary level.

2. To develop interest in foreign literature through a study of important literary masterpieces (Second Year reading).

Aims of advanced courses

1. To study the language on a larger scale through increased speaking and writing activity. Greater emphasis upon the phonetic approach.
2. To increase the student's interest in the country through a study of its civilization, its great literary contributions in special periods, its cultural contributions to world civilization.
3. To give the necessary preparation to those students who may desire to do graduate study.

COURSE DESCRIPTION

1. French

FRENCH 101. Elementary French.—The elements of French pronunciation, fundamentals of sentence structure, study of French grammar, vocabulary, verbs, the emphasis during the course being on accomplishing the reading objective. Credit 3 hours.

FRENCH 102. Elementary French.—Continuation of French 101. Difficult phases of French grammar studied. Increased interest in reading. Credit 3 hours.

FRENCH 201. Intermediate French.—The elements of French grammar, irregular French verbs, all fifteen tenses in French covered. Emphasis upon both written and reading levels. Credit 3 hours.

FRENCH 202. Intermediate French.—Continuation of French 201. The subjunctive and conditional sentences mastered. Increase in writing and reading. Much supplementary reading. Credit 3 hours.

FRENCH 301. Survey of French Literature.—A rapid survey of French Literature from its beginning through 18th Century. Reading from Moliere, Racine, Corneille, Voltaire, Montesquieu, Rousseau. Credit 3 hours.

FRENCH 302. Survey of French Literature.—Continuation of French 301. French Literature of the 19th and first part of the 20th century. Works of Balzac, Hugo, Maupassant, Loti, Vigny and others read and analyzed. Credit 3 hours.

FRENCH 311. French Composition.—Emphasis upon the written word. Frequent compositions, illustrating all phases of French grammar. Credit 4 hours.

FRENCH 312. French Conversation.—Practice in the oral uses of French. Daily conversations on topics of interest. Credit 3 hours.

FRENCH 321. French Civilization.—Study of the historical background of the French nation from Charlemagne to the present. Credit 3 hours.

FRENCH 401. French Literature of the 18th Century.—A period course, emphasizing the principal writers of the century, particularly Voltaire, Rousseau, and Montesquieu. Credit 3 hours.

FRENCH 402. French Literature of the 19th Century.—An analysis of the thought and work of the principal French Romanticists, particularly Hugo, Vigny, Musset, Lamartine. Credit 3 hours.

FRENCH 431. French Phonetics.—An analysis of separate sounds with oral practice, designed to correct the student's own pronunciation. Credit 3 hours.

2. Spanish

SPANISH 101. Elementary Spanish.—A course based on an aural-oral method which stresses the spoken language. Drill in pronunciation. Study of the elementary principles of the language. Simple conversation based on a reader. Credit 3 hours.

SPANISH 102. Elementary Spanish.—Continuation of Spanish 101. Continued drill in pronunciation and in conversation. Further study of the elementary principles of the language. Prerequisite: Spanish 101. Credit 3 hours.

SPANISH 201. Intermediate Spanish.—Review of the essential principles of Spanish grammar. Conversation based on reading material of increasing difficulty. Work in composition and translation. Prerequisite: Spanish 102 or the equivalent of two years of high school Spanish. Credit 3 hours.

SPANISH 202. Intermediate Spanish.—Continuation of Spanish 201. Greater emphasis on composition and translation. Prerequisite: Spanish 201 or the equivalent. Credit 3 hours.

SPANISH 301. Spanish Conversation.—The object of the course is to increase, through conversation and intensive oral work, the student's ability to speak and to understand Spanish. Discussions based on current events, social customs, and general topics will be developed. Conducted partly in Spanish. Credit 3 hours.

SPANISH 302. Spanish Conversation.—Continuation of Spanish 301 with conversation based upon narrative and colloquial texts to develop the student's ability to use the language. Production of at least one short play in Spanish. Conducted partly in Spanish. Credit 3 hours.

DEPARTMENT OF HISTORY AND GOVERNMENT

The Department of History and Government aims to give the student a knowledge of

- (1) the privileges and duties of citizenship.
- (2) the relationship among social, political, economic and intellectual forces in the modern world.
- (3) the basic methods of historical research.

COURSE DESCRIPTION

HISTORY 101-102. World Civilization.—The typical literature, art, music, architecture, other fine arts, religions, and customs of various people and nations of the world. Effort is made to give a grasp of the historical and institutional setting from which these cultures came. Credit 3 hours for each course.

HISTORY 201-202. United States History.—The political, economic, and social development of the United States from the colonial period to the present. Credit 3 hours for each course.

HISTORY 301. Modern Europe.—A political and cultural history of modern Europe from the Renaissance to 1830 with emphasis upon the rise of national monarchies and the growth of democracy. Credit 3 hours.

HISTORY 302. Modern Europe.—This course will emphasize the growth of Nationalism in Italy and Germany; European diplomacy from 1871 to 1914; the World War; and national and international problems since World War I. Credit 3 hours.

HISTORY 311. National Government.—A survey of the structure and function of the national government of the United States stressing the evolutionary nature of our constitutional republic. Credit 3 hours.

HISTORY 312. State Government.—A survey of the structure and function of the state governments of the United States with emphasis upon constitutional developments. Credit 3 hours.

HISTORY 321. English History.—A survey of English history from pre-Roman times to the close of the Glorious Revolution with particular emphasis upon constitutional developments. Credit 3 hours.

HISTORY 322. English History.—A continuation of History 321. The growth of British democracy and world imperialism during the eighteenth, nineteenth, and twentieth centuries. Credit 3 hours.

HISTORY 403. Hispanic American History.—A survey of the history of the nations of Hispanic America from the colonial period

to the present. Particular attention is given their increasingly influential position in world affairs today. Credit 3 hours.

HISTORY 405. Southern History.—The economic, social, political and cultural life in the Southern States from colonial times to the present. The influence of the South in the history of the nation prior to the Civil War; and modern problems of today. Credit 3 hours.

HISTORY 411. Europe Since 1914.—The causes and immediate results of the World War, 1914-1918; the national developments of the next two decades particularly in the major European countries; and the causes and progress of the World War which began in 1939. Credit 3 hours.

HISTORY 414. American Foreign Relations.—The United States in its relations with the outside world, emphasizing public opinion and the economic, social and political forces that have determined American foreign policy. Credit 3 hours.

SOCIOLOGY AND ECONOMICS

This department as a part of a larger educational pattern conceives its task as developing attitudes, abilities, and skills within the social disciplines so that those who study herein will lead richer, fuller, and more enjoyable personal lives and make greater contributions to society. To these ends great emphasis is placed upon getting social insight. An adequate understanding of the social structure in its development and modifications is the comprehensive purpose of these disciplines.

Social Science 301-302 must be taken before other major courses in this department. Social Science 431-Social Change, may be taken only by those having had 301-302. Anyone wishing to take social science courses numbered three hundred and above as electives only must have taken Social Sciences 201-202.

Credit in this department will be given for courses in Principles of Accounting, Principles of Insurance, and Principles of Real Estate. These courses are offered in the Department of Business Administration.

COURSE DESCRIPTION

SOCIAL SCIENCE 102. Principles of Geography.—The basic principles underlying the science of geography and the human use of resources; the earth's form and movements, climate, land forms, the ocean, soils, vegetation, and minerals. Credit 3 hours.

SOCIAL SCIENCE 201-202. *An Introduction to The Social Sciences.*—This is a survey course, the aim of which is to introduce students to that branch of knowledge which is labeled Social Sciences. The course will be presented in such a manner as to maintain a balance of attention between relationships within the social structure and relationships of that structure to the non-institutional factors that furnish the material for the structure. A swift anthropological survey of the long past is made as a means of establishing an orientation. The setting in which plural living develops is investigated. An analysis of the basic elements of society is made and the essentials of social organization are shown. Illustrative social tensions are examined and some of the dynamic factors in social change are studied. Credit 3 hours each course.

SOCIAL SCIENCE 211. *Geography of North America.*—A regional study of the North American continent with emphasis on the larger geographic regions within the borders of the United States and Alaska. Attention is given (1) the natural resources, (2) economic activities of habitants, (3) significant locational features of each region studied, and (4) the importance of human relations to nature. Credit 3 hours.

SOCIAL SCIENCES 301 *Introduction to Sociology.*—In this course emphasis is placed upon social relationships as the focus in sociology. The nature of society is investigated. The approach is conceptual. The essential concepts for societal analysis are clarified so as to give precision of scientific reference. The psychological foundation of social relationship, the fundamental sociological question, and the relation of individuality to sociality will be set forth. The outer conditions on which social life depends and the nature of that dependence will be considered. An analysis of the social structure will be made in terms of the specific organizations and their functions and in terms of the forces which sustain the structure. Credit 3 hours.

SOCIAL SCIENCE 302. *Introduction to Sociology.*—A continuation of Social Science 301. Social Science 301 and 302 are required for all taking Sociology as a first or second major. Social Science 301 is prerequisite to other courses in the field of Sociology. Credit 3 hours.

SOCIAL SCIENCE 304. *Minority Groups.*—The primary aim of this course is to present the history and present status of each minority. The main topics to be treated are the meaning and status of minorities, our minority peoples, activities of minority groups, racial and cultural conflicts and education, and trends toward a cultural democracy in America. Credit 3 hours.

SOCIAL SCIENCE 308. *Introductory Social Statistics.*—Introduction to the logic and use of statistics as a method of analyzing sociological problems. Lecture and Laboratory. Credit 3 hours.

SOCIAL SCIENCE 311. *Principles of Economics.*—An introduction to the theories, principles, and dogmas of economics under competitive and non-competitive conditions. Emphasis upon methods and techniques for the investigation of production, distribution, pricing and employment. Credit 3 hours.

SOCIAL SCIENCE 312. *Principles of Economics.*—Continuation of Social Science 311. Credit 3 hours.

SOCIAL SCIENCE 331. *Rural Sociology.*—An introduction to the theories, principles, and practices of rural society. Emphasis upon variables and similarities with respect to total society. Methods and techniques for the investigation of rural life. Credit 3 hours.

SOCIAL SCIENCE 332. *Urban Sociology.*—The examination of urban social plans for concrete, usable data on such details as the management of manpower; the recognition of leaders and the delegation of authority; urban social and mechanical institutions; ecological and ethnical distribution; effects of cultures contributing to urbanization. Credit 3 hours.

SOCIAL SCIENCE 342. *Social Disorganization.*—The forms of deviant social behavior; theories of deviant social status and corresponding methods of treatment. Credit 3 hours.

SOCIAL SCIENCE 401. *Social Psychology.*—A study of the individual in the group situation. The social functions of language, the problems of the variations among human beings, the social interaction and personality developments are major topics which form the content of this course. Credit 3 hours.

SOCIAL SCIENCE 403. *Introduction to Social Work.*—This course is designed to develop an introductory appreciation of the history, development and treatment skills of Social Technology. It includes the various requirements for entrance and training in professional social work. Field trips. Prerequisite: Nine major hours in Social Science. Credit 3 hours.

SOCIAL SCIENCE 405. *Consumer Economic Problems.*—Economic position of the consumer and his problems as buyer; necessity of factual information to evaluate mis-information; government assistance and regulations; marketing services and costs; consumer credit; price problems; problems of housing for rural and urban consumers; programs designed to meet problems of housing. Credit 3 hours.

SOCIAL SCIENCE 423. *Criminology.*—A study of general knowledge as to crime and delinquency, of comparative theories and practices, with special units on the professional criminal and white collar crime. Emphasis upon the several departures in the treatment of special forms of deviant behavior. Credit 3 hours.

SOCIAL SCIENCE 431. Social Changes.—Open to seniors only. The social structure in its modifications through time. Relationship to the biophysical, the cultural, and the technological orders. Credit 3 hours.

SOCIAL SCIENCE 441. Marriage.—This course is designed for those who are preparing for marriage and for the married who are concerned with achieving a higher level of happiness and success in their marriage. The purpose is to present scientific knowledge which exists about mate selections, the courtship process, and the adjustment problems of marriage. Among the topics to be considered are: Meaning of successful marriage, basic reasons for marrying, and for not marrying; analysis of the courtship process, the legal aspect of marriage, analysis of marriage adjustments, family planning, sex education. Credit 3 hours.

DEPARTMENT OF BIOLOGY

The principal objective of the Department of Biology are:

1. To provide a general biological background for all students of the college necessary for the understanding of related subject-matter and general intellectual development.
2. To give basic training toward qualifying students to pursue work in certain technical and vocational fields based upon the biological sciences.
3. To qualify major students to teach biology and general science subjects in the common school of Kentucky and elsewhere.
4. To prepare students for entrance into studies leading to higher degrees in Biology, Dentistry, and Medicine.

Majors in Biology, General Science, Agriculture, and Home Economics should begin with Biology 103. One year of Social Science is recommended for all majors.

Note: For laboratory fees please refer to student fees and expenses.

COURSE DESCRIPTION

BIOLOGY 101 General Biology.—A comprehensive general consideration of the fundamental organization of living things, their structure and function in relation to the interacting factors of the external and internal environments. A survey of the living world of animal and plant organisms with special attention to representative types and relationships. Two hours lecture; two hours laboratory and demonstrations per week. Credit 3 hours.

BIOLOGY 102. General Biology.—Continuation of Biology 101. Study of basic biological principles and problems in relation to the

requirements of man. Special consideration is given body structures and functions; problems pertaining to nutrition, development, adjustment, heredity, et cetera, and improvement of man and his surroundings. Two hours lecture; two hours laboratory and demonstrations per week. Prerequisite: Biology 101. Credit 3 hours.

BIOLOGY 103. General Zoology.—Studies and observations on the morphology, life processes, ecology and systematic arrangement of invertebrate animals and their role in the economy of man; discussions of the fundamental principles involved. Two hours lecture; four hours laboratory per week. Credit 4 hours.

BIOLOGY 104. General Zoology.—Continuation of Biology 103. Emphasis on the morphology, physiology and life processes of arthropods and vertebrate animals. Two hours lecture; four hours laboratory per week. Prerequisite: Biology 103. Credit 4 hours.

BIOLOGY 211. Genetics.—Study and discussion of the laws and principles of heredity and variation as they relate to plants and animals with special reference to their application in the service of mankind. Evaluation of the observational, experimental, biometrical, cytological and embryological methods of approach. Two hours lecture and demonstrations; two hours laboratory per week. Prerequisite: Biology 103-104. Credit 3 hours.

BIOLOGY 212. General Botany.—Basic studies in plant life; the morphological and physiological organization, systematic grouping, ecological relationships, and economic importance of plants. Two hours lecture; two hours laboratory. Credit 3 hours.

BIOLOGY 301. General Human Physiology.—General treatment of function and activity in the human body, stressing the individual behavior of cells, tissues, organs, and systems in relation to each other, and in the coordinated activity of the human organism; consideration of work on contractility, conductivity, respiration, translocation of materials, and other problems in physiology. Two hours lecture; four hours laboratory. Prerequisite: Biology 103-104 and Chemistry 101-102; Physics 211-212 is recommended. Credit 4 hours.

BIOLOGY 302. General Bacteriology.—A presentation of the fundamentals of modern microbiology, particularly the morphology, classification, distribution, cultivation and observation, physiology, and environmental relations of bacteria, yeasts, molds and certain protozoa; discussions of microorganisms in health, the home, agriculture, and industry. Two hours lecture; two hours laboratory per week. Prerequisite: Biology 103-104, Chemistry 101-102. Credit 3 hours.

BIOLOGY 303. Comparative Vertebrate Anatomy.—A consideration of the relationships of chordate groups; the structure and significance of various organs and systems of typical vertebrates, along

with a discussion of the history and habitat of the various groups. Two hours lectures; four hours laboratory per week. Prerequisites: Biology 103-104. Credit 4 hours.

BIOLOGY 304. Vertebrate Embryology.—A study of the developmental stages of the higher vertebrates, from fertilization to the adult form. The laboratory work consists of a study of various embryonic stages of the chick and pig. Two hours of lectures; four hours of laboratory work per week. Prerequisites: Biology 103-104. Credit four semester hours.

BIOLOGY 401. General Entomology.—A study of the basic structure, physiology, classification and relationships of insects; discussion of the principles of behavior, sonification, specialization, metamorphosis, and development. Attention is given both injurious and beneficial insects. Two hours lecture; four hours laboratory and field work per week. Prerequisite: Biology 103-104. Credit 4 hours.

BIOLOGY 410. Special Problems in Biology.—A course in which advanced major students in biology who show exceptional capability and interest in the field are permitted, under direction of the major professor, to pursue an investigation. Arranged. Credit 1 or 2 hours.

DEPARTMENT OF CHEMISTRY

The department offers instruction in the fundamental facts and principles of chemical science for:

- (1) The general student interested in the cultural aspects of Chemistry.
- (2) Prospective teachers in the field of Chemistry.
- (3) Students who are preparing themselves for careers in home economics, agriculture, medicine, etc.
- (4) Students interested primarily in medicine or in doing graduate work in Chemistry and not interested in securing a teaching certificate should consult the department adviser about their programs.

Students majoring or minoring in Chemistry must include Courses 101, 102, and 201 in the respective 24 or 18 hour requirement for majors and minors.

COURSE DESCRIPTION

CHEMISTRY 101. General Chemistry.—This course is devoted to giving the student a thorough acquaintance with the fundamental modes of thought of the chemist. The laws and theories of Chemistry are taken up essentially from the experimental standpoint. The course is built up around the laboratory work, which includes experiments performed by the individual student, illustrating the

properties of certain nonmetallic elements and their compounds, the laws on which the atomic theory is based, properties of gases, liquids and solids, solutions, theory of ionization, law of mass action. The laboratory work is supplemented by classroom work in which these topics are discussed. Lecture two hours per week; laboratory four hours per week. Credit 4 hours.

CHEMISTRY 102. General Chemistry.—A continuation of Chemistry 101. The relations of the elements to each other are emphasized in connection with the Periodic System. The metallurgy of important metallic elements is described. Lecture two hours; laboratory four hours. Credit 4 hours.

CHEMISTRY 201. Organic Chemistry.—Prerequisite: Chemistry 102. A course dealing with the chemistry of carbon compounds. Special emphasis is laid upon the relationship existing between the various groups of the aliphatic series of carbon compounds and their derivatives. Lecture two hours; laboratory four hours. Credit 4 hours.

CHEMISTRY 202. Organic Chemistry.—Prerequisite: Chemistry 201. A continuation of Chemistry 201, covering such topics as tautomerism, stereo-isomerism, the sugars, and the aromatic compounds. Lecture two hours; laboratory four hours. Credit 4 hours.

CHEMISTRY 203. Qualitative Analysis.—This is largely a laboratory course. The lecture includes a study of theory of solutions and the balancing of equations. The laboratory work includes a study of the methods of separating and identifying the common metals and acids. Constant practice is given the student in analyzing unknown substances. Lectures and laboratory arranged. Credit 4 hours.

CHEMISTRY 204. Quantitative Analysis.—Volumetric Analysis.—Prerequisite: Chemistry 203. This course deals with volumetric analysis, theory and practices; acidimetry-alkalimetry, oxidation-reduction, iodimetry, study of indicators, and problems. Lecture two hours; laboratory four hours. Credit 4 hours.

CHEMISTRY 301. Qualitative Analysis.—Gravimetric Analysis.—A course dealing principally with gravimetric methods of analysis. Special emphasis is laid upon the physio-chemical principles. Lecture and laboratory. Credit 4 hours.

CHEMISTRY 304. Mathematical Preparation for Physical Chemistry.—The work of this course is to provide a working knowledge in mathematics for students taking physical chemistry. It is based on a one-semester course of three hours. The only prerequisites are a little knowledge of algebra, a speaking acquaintance with trigonometry, and an interest in chemistry. Credit 3 hours.

CHEMISTRY 305-306. Physical Chemistry.—Elementary Physical Chemistry. Prerequisite: Permission of instructor. This course is devoted to a discussion of the fundamental principles of physical chemistry including such topics as the gas laws, Kinetic theory, solutions, ionization, colloids, rates of reactions, atomic structure and storage batteries. The laboratory work consists of experiments illustrative of the various laws and processes of physical chemistry. Lecture two hours; laboratory four hours. Credit 4 hours for each course.

CHEMISTRY 307-308. Bio-Chemistry.—Prerequisites: Chemistry 201 and 203. This course deals with the processes common to plants and animals. Such topics as the chemical processes in photosynthesis and respiration will be treated in detail. Adequate time and treatment will be given to a discussion of the various food groups, organic catalysts, digestion et cetera. Lecture two hours; Laboratory four hours. Credit 4 hours for each course.

CHEMISTRY 309. Chemical Literature.—This course has two main objectives; 1. To expose the student to contemporary Chemical Literature, 2. To acquaint the student with those methods and approaches which will enable him to search past records for needed information in the profession of Chemistry. Open to Juniors or Seniors. Credit 2 hours.

CHEMISTRY 400. Advanced Inorganic Preparations.—Prerequisite: Chemistry 204 or 301. This is mostly a laboratory course in which the student is required to use standard procedures for the preparation of pure inorganic compounds. Lecture one hour; laboratory six hours. Credit 4 hours.

CHEMISTRY 401. Problems in Chemistry.—This course has some special study of interest for its purpose. Open to Seniors who show promise in the field. Credit 4 to 6 hours.

THE DEPARTMENT OF MATHEMATICS AND PHYSICS

The objectives of the Department of Mathematics are:

- (1) To offer a major in mathematics for those who plan to teach mathematics and prepare for advance study.
- (2) To give the mathematics back-ground for students of science, statistics, and engineering.
- (3) To give a general picture of the important part mathematics has played in the development of civilization in ancient and modern times.
- (4) To present mathematics as a way of thinking; and point out that many of the basic ideals of mathematics have had as their origin man's experience with physical objects.

COURSE DESCRIPTION

MATHEMATICS 101. College Algebra.—A rapid review of fundamental operations. Introduction to rational real and complex number systems, linear equations, graphs, systems of linear equations, quadratics, ratio and proportions, variations, progressions, logarithms, exponentials, binomial theorem, mathematical induction, permutations and combinations. Credit 3 hours.

MATHEMATICS 102. Trigonometry.—Definitions and properties of trigonometric functions, right triangle, trigonometric identities, inverse functions, oblique triangles, complex numbers, De Moivre's Theorem. Credit 3 hours.

MATHEMATICS 114. Teachers' Arithmetic.—A review of the essentials of arithmetic, development of skill, accuracy, and methods of teaching fundamentals of arithmetic to pupils in the elementary school. Credit 3 hours.

MATHEMATICS 201. Plane Analytic Geometry.—A study of coordinate systems, straight lines, circles, hyperbola, ellipse, transformation of coordinates, rotations of axis, geometric properties of a locus and general equations of second degree. Prerequisite: Mathematics 101 and 102. Credit 3 hours.

MATHEMATICS 202. Solid Analytical Geometry.—Direction cosines, coordinate transformation, and quadratic surfaces. Prerequisites: Mathematics 201. Credit 3 hours.

MATHEMATICS 203. Calculus.—Real numbers, variables, functions and limits, differentiation of algebraic and transcendental functions, Maxima and Minima, differentials, the law of mean, curvature, derivatives of implicit functions. Applications are made to problems in science and engineering. Prerequisite or concurrent: Mathematics 201. Credit 3 hours.

MATHEMATICS 204. Calculus.—A continuation of Mathematics 203. Definite integral, arc lengths, centroids, Taylor formula, partial differentiation, double integrals. Prerequisite: Mathematics 203. Credit 3 hours.

MATHEMATICS 303. Differential Equations.—This course is designed to meet the needs of students of Pure and Applied Mathematics and Science. Prerequisite: Mathematics 204. Credit 3 hours.

MATHEMATICS 306. College Geometry.—Geometrical construction, properties of triangle, transversals, harmonic ranges, Cross ratio. Designed for students who expect to teach high school geometry. Prerequisite: Plane Geometry. Lecture and recitation. Credit 3 hours.

MATHEMATICS 313. Theory of Equations.—Elementary ideas of number fields, general theorem on algebraic equations, solutions of cubic and quartic equations, isolations of roots, approximation to roots, graphs, symmetric functions. Theorems of Sturm and Budan, Graeffe method. Prerequisite: Mathematics 101 and 102. Credit 3 hours.

MATHEMATICS 401. Advanced Calculus.—Point sets, functions of several variables, continuity, partial derivatives, improper integrals, vectors, line integrals, Gauss, Green and Stokes Theorems. Prerequisite: Mathematics 203. Credit 3 hours.

Note: Mathematics 101 and 102 do not carry credit toward a major in Mathematics.

SCIENCE 201-202. Introduction to Physical Sciences.—A general course through which the student will become acquainted with the physical phenomena about him and with methods of scientific inquiry through which an intelligent understanding of these phenomena may be attained. Credit 3 hours for each course.

SCIENCE 211. General Physics.—A general elementary course covering Mechanics, Wave Motion, Heat, Electrostatics. Prerequisite: Mathematics 101 and 102. Credit 4 hours. Laboratory Fee \$1.50 per semester hour.

SCIENCE 212. General Physics.—A continuation of Science 211. Current electricity, sound, light, and an introduction to atomic structure. Prerequisite: Science 211. Credit 4 hours. Laboratory Fee \$1.50 per semester hour.

SCIENCE 303. Electricity and Magnetism.—For students who desire to continue the study of electricity and magnetism begun in Science 212. Covering the Theory and Use of electrical equipment, Methods of Measuring Current, power, electromotive force, inductance and capacitance. Prerequisites: Science 212 and Mathematics 204. Credit 3 hours. Laboratory Fee \$1.50 per semester hour.

SCIENCE 221. Physical Geology.—This course deals with the earth; materials which compose earth; work of glaciers, the ocean, structure of earth; earthquakes; volcanoes and igneous intrusions; mountains and plateau, soils, and ore deposits. The course is designed to give the student a general understanding of the field of physical geology. Credit 3 hours.

SCIENCE 305. Elementary Photography.—Image formation, perspective, Exposure time, Elementary Chemistry of development contact and printing, filters and colors. Prerequisites: Science 211 and 212. Credit 2 hours.

DEPARTMENT OF VOCATIONAL AND INDUSTRIAL EDUCATION

Industrial Education is a phase of general education that concerns itself with materials, processes, and products of manufacture, and with the contribution of those engaged in industry. It, therefore, has general values that apply to all levels and to all subject fields.

AIMS:

- (1) To prepare all students enrolled in this department as majors or minors to teach general shop in the public schools.
- (2) To make majors reasonably proficient craftsmen for teaching unit shop activities or as workmen in industry or at custom trades.
- (3) To broaden their professional knowledge in the field of vocational and industrial education.
- (4) Students majoring in other fields may elect certain basic shop subjects as a means of broadening their knowledge of and respect for tools, materials, and processes of industry, and industry's contribution to the whole educational process.

A student may take the following courses for a major in Industrial Education to meet the general requirement for a teaching certificate: I. A. 101, 102, 111, 112, 201, 202, 211, 301, 341, 362, and 410. Majors may choose a special field in the junior year—metal work, drafting, building construction, or radio. A student who chooses industrial arts as a minor may take I. A. 101, 102, 111, 112, 201, 202, 211, and 362.

Students desiring to major in Engineering may take selected courses for the first two years as outlined by the Head of the Department and then transfer to an Engineering School of their choice without loss of time or credit hours toward their degree in Engineering.

The department of Vocational and Industrial Education offers courses leading to a Certificate in certain trade fields offered to veterans and other qualified persons approved by the Dean of the College.

COURSE DESCRIPTION

INDUSTRIAL EDUCATION 101-102. Mechanical Drawing.—Freehand lettering. Care of the exercises in the use of instruments. Principles of orthographic projection, sketching, and dimensioning. Problems in machine drawing. Credit 3 hours for each course.

INDUSTRIAL EDUCATION 111. General Shop.—Introductory course involving basic units in drawing, woodworking, metalworking,

finishing, and electricity; projects and exercises in each activity. Credit 3 hours. Laboratory Fee \$1.50 per semester hour.

INDUSTRIAL EDUCATION 112. Elementary Woodwork.—Care and use of handtools. Study of woodworking materials. Simple joinery. Use of wood finishing materials. Some work with plastics. Credit 3 hours. Laboratory Fee \$1.50 per semester hour.

INDUSTRIAL EDUCATION 121, 122, 321. Electric Servicing. Each student majoring in the department is required to spend at least two hours per week learning how to service electric equipment. Assignments are based upon individual needs and previous experiences of the students. Credit one hour each semester.

INDUSTRIAL EDUCATION 201. General Metal.—Operation and information units in bench metal, sheet metal, forging, heat treating, art metal, welding; practice in construction of projects. Credit 3 hours. Laboratory Fee \$1.50 per semester hour.

INDUSTRIAL EDUCATION 202. Machine Shop.—Use of files, chisels and other bench tools. Use of precision instruments. Beginning practice on the lathe, shaper, drill press, grinder, and milling machine. Credit 3 hours. Laboratory Fee \$1.50 per semester hour.

INDUSTRIAL EDUCATION 211. Cabinet Making.—Advanced hand woodworking units; operation of common woodworking tools; care and sharpening of tools; related information; construction and finishing of furniture projects. Credit 3 hours. Laboratory Fee \$1.50 per semester hour.

INDUSTRIAL EDUCATION 212. Industrial Design.—Problems of design in furniture. Decorative design. Other problems of design in industry as special problems of the draftsman. Credit 3 hours.

INDUSTRIAL EDUCATION 221. Machine Woodworking.—Production work on woodworking machines. Cabinet assembly. Maintenance of woodworking machinery. Credit 3 hours.

INDUSTRIAL EDUCATION 301. Machine Shop.—More difficult work on lathe, thread cutting, knurling, boring and taper turning. Further use of shaper, drill press, and milling machine. Credit 3 hours. Laboratory Fee \$1.50 per semester hour.

INDUSTRIAL EDUCATION 311. Radio.—Circuit diagrams symbols. Cells and batteries, A. C. principles, condensers, resonance, and radio principles. Electron tubes, modern tubes, and power supply. Credit 3 hours.

INDUSTRIAL EDUCATION 312. Radio.—Audio frequency amplifiers, speakers, phone-pickups, microphones, and tone control. Radio receivers, high frequency amplifiers, dector circuits, universal A. C.-

D. C. receivers, push button tuning systems, oscillators, antennas, and the cathode ray tube. Credit 3 hours.

INDUSTRIAL EDUCATION 322. Gas and Electric Welding.—Tack welding. Torch cutting. Further practice in making bead, fillet, V, bevel, U, J. and plug and shot welds. Credit 3 hours.

INDUSTRIAL EDUCATION 332. Building Construction.—A study of frame and veneered buildings, the various types of construction and structural materials involved. Topics covered include the layout, foundation, framing, joists, walls and floor. Credit 3 hours.

INDUSTRIAL EDUCATION 341. Machine Cabinet Making.—Continuation of I. Ed. 211, with increased emphasis on craftsmanship and the development of a high degree of skill in furniture construction. Credit 3 hours.

INDUSTRIAL EDUCATION 351. Architectural Drawing.—Foundation and floor plans. Elevations. Sections and details of house construction. Architectural symbols. Special features. A complete home is planned and drawn. Credit 3 hours.

INDUSTRIAL EDUCATION 352. Plumbing and Pipe Fitting.—Roughing in and pipe fitting. Plumbing installation for drainage and ventilation, gas fixtures and service lines, lead work. Maintenance and repair work on sewers and traps, faucets and valves, heaters and range boilers, water lines, group fixtures, and septic tanks. Reading plumbing blueprints and estimating. Credit 3 hours.

INDUSTRIAL EDUCATION 362. Preparation of Instructional Material.—Advantages and disadvantages of written instruction. Types of instruction sheets. Duplicating and the proper choice of instructional material. Credit 3 hours.

INDUSTRIAL EDUCATION 401. Painting and Interior Decorating.—General painting information. Composition of paints. Preparing and painting surfaces. Painting difficulties. Composition and use of stains, varnishes and enamels. Paint colors. Preparing plaster for paint. Painting estimates. Credit 3 hours.

EDUCATION 410. I. EDUCATION. Methods of Teaching Industrial Education.—Aims and objectives of industrial education. Lesson planning. Shop planning and management. Use of text and related material. Grading shop work. Survey of literature in the field of industrial education teaching. The shop teacher's responsibility. Credit 3 hours.

INDUSTRIAL EDUCATION 431. Building Construction.—Continuation of I. Ed. 332. Study of buildings. The various types of construction and structural materials involved will be studied. Credit 3 hours.

INDUSTRIAL EDUCATION 441. Cement and Concrete.—Theory and practical application of concrete and cement, including ornamental concrete work. Concrete work in building construction. Credit 3 hours.

INDUSTRIAL EDUCATION 451. Architectural Drawing.—Plot surveying and drawing. Layouts for plumbing, heating, and electric wiring. Basic perspective drawing and rendering. Building estimates and specifications Prerequisite: I. Ed. 351. Credit 3 hours.

DEPARTMENT OF EDUCATION

AIMS:

The courses and curricula of the Department of Education are designed with the following aims in view:

- (1) To furnish the general student as well as the prospective teacher
 - a. With an understanding of the educational process to which he is being subjected.
 - b. With an opportunity to acquire an appreciation for Education as a fundamental social institution.
- (2) To contribute to an understanding of the problems of what the school should be and what teachers should do in the process of carrying on the education of individuals.
- (3) To acquaint students with the Education requirements of the State of Kentucky for obtaining teacher's certificates in (a) elementary education, (b) secondary education, and (c) supervision and administration of elementary and high schools.

COURSE DESCRIPTION

EDUCATION 100. Freshman Orientation.—Principles underlying successful study and use of the library; orientation in the college life and practices; methods of mental efficiency; a help class for freshmen. No credit.

EDUCATION 100A. Social Life.—This course is concerned with the personal responsibility of the college student to himself and his family. Special attention is given to such topics as table etiquette, good grooming, dances and balls, telephone courtesy, etiquette in public, and other social usages. Credit 1 hour. Required of all Freshmen. (This course is offered by the Home Economics Staff).

EDUCATION 203. General Psychology.—A first course in human behavior. Among the topics covered are: heredity and environment, development of the individual, motivation, emotion, the senses, perception, and personality. Special attention is given to the learning process. Credit 3 hours.

EDUCATION 204. Educational Psychology.—An application of psychology to the problems of learning and teaching. Credit 3 hours.

EDUCATION 223. History of Education in the United States.—The history of the development of the public school system in the United States. Designed to give a background for the appreciation of the aims and purposes of modern education. Credit 3 hours.

EDUCATION 311. Extra-Curricular Activities.—The purpose of this course is to help the teacher or administrator to develop, by presenting concrete material, such as the inclusion of extra activities in the regular schedule of the school and activities dealing with honor, athletics, press, and other similar organizations.

EDUCATION 332. Supervision of Instruction.—The general problems, principles and procedures in the supervision of elementary and secondary instruction. Credit 3 hours.

EDUCATION 401. Tests and Measurements.—Tests are studied and used with the aim of acquainting the prospective teacher with their use, purpose and comparative values. The philosophy underlying the measurement movement is developed and criticized. Credit 3 hours.

EDUCATION 440. Educational Statistics.—An application of statistical and graphical methods of educational data. Credit 3 hours.

ELEMENTARY EDUCATION

ART EDUCATION 101. Industrial Arts for Elementary Grades.—A practical course involving the use of tools and various materials suitable for classroom use. Industrial arts is considered as closely integrated with all school work. Suggested activities are evaluated and methods of presentation are discussed. Typical units are worked out. Activities: making decorative papers, simple bookbinding, clay modeling, weaving, and blockprinting. Lab. fee, \$1.50 per semester hour. Credit 3 hours.

ART EDUCATION 105. Principles of Art Education.—The course, as taught, will deal with the two major themes, appreciation and creation, with emphasis on the appreciative angle. Lettering, color theory and application, laws of design and their application, and picture study will be stressed. As a part of the development of their various problems in poster making, book covers, color arrangement, etc., the student learns how and when to use to the best advantage the following media: pencil, crayon and water colors. An Introductory Course. Lab. fee, \$1.50 per sem. hr. Credit 3 hours.

EDUCATION 113. Penmanship for Teachers.—One of the standard systems of writing is used as a guide to the attainment of a degree of writing efficiency as required for a teachers' certificate in penmanship. Credit 1 hour.

EDUCATION 116. Manuscript Writing.—A course designed to acquaint teachers at the elementary level with a form of print writing suitable for use in the primary grades. Credit 1 hour.

EDUCATION 201-202. Fundamentals of Elementary Education.—To provide a graduated approach to student teaching in the elementary grades. Course 201 is devoted to problems of school management; how to handle these problems with minimum time and energy; how to cultivate a constructive and harmonious attitude toward school-community relations. The concept of a well organized, well managed school is sought through directed observation in the college Practice School. Course 202 deals most largely with problems of elementary classroom teaching. Study and practice are given in organizing materials for class work; acquainting pupils with modern methods of teaching the elementary subjects. The state course of study is a constant supplement to the chosen text. Credit 4 hours per course.

EDUCATION 212. Teaching of Reading.—A method course designed to point out the knowledge and skill necessary for successful work as a teacher of reading in both the primary and grammar grades. Actual practice is given in teaching children to read. The problem of measuring progress is a distinct part of the course. Credit 3 hours.

EDUCATION 342. Human Development and Psychology I.—This course is designed to present the essential concepts, findings and interpretations from psychological investigations concerning growth and development from birth through childhood. Special attention is given to biological foundations for human growth and development, cultural factors in development, learning and the educative process, and personality. Students are taught how to observe and to interpret the behavior of children, how to foster human relations for a democratic society, and to cultivate a sympathetic and understanding attitude toward child life, through first hand study of children. Credit 3 hours.

EDUCATION 400E. Directed Teaching in Elementary Schools.—Practice in teaching the elementary subjects, and management of classes is given under immediate direction of the Practice School Staff in the college Practice School. Adequate facilities are provided for observation and participation in the regular work of the school. Periods arranged. Credit 4-8 hours.

EDUCATION 402. Elementary School Organization and Management.—A course designed for prospective teachers and principals in the elementary schools of the state, rural and urban. Topics of discussion include State Educational Machinery, Local Educational Machinery, School Attendance Laws, the Census, the School Plant,

Constructing the Dairy Program, the Course of Study, Pupil Management and Control, Selection and Adoption of Texts and Collateral Materials, the Library, Types of Records and Reports, Ethics of the Teaching Profession, etc. Credit 3 hours.

EDUCATION 421. Organization and Management of the Small Rural School.—For prospective teachers in small elementary schools. School laws, the school plant, the daily program, lesson plans, records and reports, etc. Credit 3 hours.

EDUCATION 422. Problems of Teaching in Elementary Education.—The following topics will be considered: Ways of discovering teaching problems; effective ways and means of discovering suitable materials for working on problems; ways of using teaching materials; techniques of evaluating growth; special problems of the rural community; the use of community agencies as they are related to the improvement of teaching; actual experiences in observing and working with children in the training school. Credit 3 hours.

SECONDARY EDUCATION

EDUCATION 302. Vocational Education.—A study of the principles underlying vocational education with emphasis upon the relation of vocational education to the community. Reference is made to the application of these principles to the vocational situation in Kentucky.

EDUCATION 321. Principles of Secondary Education.—The purpose is to present a brief, suggestive discussion of the underlying philosophy of secondary education. The larger aims and problems of the high school are given practical treatment. Credit 2 hours.

EDUCATION 400. Directed Teaching in High School.—Credit 8-9 hours (Offered in practically all departments.)

EDUCATION 410-E. Methods of Teaching English. Credit 3 hours.

EDUCATION 410-F. Methods of Teaching French. Credit 3 hours.

EDUCATION 410-H.E. Methods of Teaching Home Economics. Credit 3 hours.

EDUCATION 410-I.Ed. Methods of Teaching Industrial Education. Credit 3 hours.

EDUCATION 410-M. Methods of Teaching Mathematics. Credit 3 hours.

EDUCATION 410-N. S. *Methods of Teaching Natural Sciences.*
Credit 3 hours.

EDUCATION 410-S. S. *Methods of Teaching Social Sciences.*
Credit 3 hours.

EDUCATION 412. *Administration of the Public Schools.*—The principal, the staff, the pupil, program of studies, schedules, community relationships, records and reports, articulation, library, plant, finance, and the aims of public school education are the general themes studied in this course. Credit 3 hours.

EDUCATION 432. *Problems of Modern Education.*—A brief survey of some of the problems of modern education. Credit 2 hours.

EDUCATION 442. *Human Development and Psychology II.*—This course deals with the various aspects of growth and development of the individual beginning with the onset of adolescence. Special attention is given to the process of growth of the whole individual in the common culture of the total environment, characteristic behavior of adolescents, study of the technique of working with adolescents, study of the technique of analyzing the needs of adolescents, adolescents relationships with others, and actual experience in observing and working with adolescents. Credit 3 hours.

EDUCATION 452. *Fundamentals of Secondary Education.*—This course provides a graduated preparation for student teaching on the secondary level. Study and practice are provided in organizing materials for class work as the prospective student-teacher is acquainted with general methods of high school instruction. Credit 3 hours.

DEPARTMENT OF HEALTH AND PHYSICAL EDUCATION

The department of Health and Physical Education is organized to perform the following:

1. To prepare students to teach Health Education, Physical Education, Safety Education, direct recreational programs, for municipal parks, community centers, industrial concerns, YMCA, YWCA, and settlement houses.
2. To provide Physical Education courses both required and elective for the students of Kentucky State College.
3. To provide opportunity for wholesome recreation for students and faculty.
4. To cooperate with the medical department to keep the students and faculty in the best of health and in a healthy environment.

5. To provide vocations for livelihood.
6. To train athletic coaches and athletes.

Note: All majors in Health and Physical Education are required to purchase a regulation uniform with the major insignia upon it. Uniform consists of long trousers, T-shirt, shorts and gymnasium shoes. Majors also must own a tennis racket.

COURSE DESCRIPTION

PHYSICAL EDUCATION 101 (Men and Women). *Orientation in Physical Education.*—An introduction to the seasonal major and minor activities for all entering Freshman students. An attempt to develop physical fitness and an appreciation for physical activity. Credit $\frac{1}{2}$ hour. Required of all Freshman students.

PHYSICAL EDUCATION 102 (Men and Women). *Orientation in Physical Education.*—The teaching of the fundamentals, skills, techniques, and rules of seasonal, major and minor sports. Required of all Freshman students. Credit $\frac{1}{2}$ hour.

PHYSICAL EDUCATION 111. *Introduction to Physical Education.*—Orientation of the professional student to the total program of Health, Physical Education, and Recreation with an introduction to the principles, aims, objectives, methods, content and expected outcomes. Required of all Majors. Credit 2 hours.

PHYSICAL EDUCATION 112. *Personal Hygiene.*—A study of the factors involved in personal health to develop proper habits and attitudes relative to the individual. Credit 3 hours.

PHYSICAL EDUCATION 122. *First Aid.*—Theory and practice in the care of victims of accident or sudden illness. Credit 2 hours.

PHYSICAL EDUCATION 124. *History and Principles of Physical Education.*—Study of the historical development of Physical Education and an interpretation of the biological, psychological and socio-logical principles of Physical Education. Required of all Majors. Credit 3 hours.

PHYSICAL EDUCATION 141. *Folk and Social Dancing.*—A study of folk and social dancing suitable for Junior and Senior High Schools and Colleges progressing from the early folk to the present day dancing. Required of all Majors. Credit 1 hour.

PHYSICAL EDUCATION 144. *Minor Sports (Men and Women).*—This is a course designed to give the student practice in skill techniques in dual, single, group athletic games and gymnastics. Required of all Majors. Credit 1 hour.

PHYSICAL EDUCATION 201 (Men and Women). *Recreational Activities.*—This course is designed to give an opportunity for the prac-

tice of fundamentals. Guidance is given to all Sophomores in the selection of activities for later life. Required of all Sophomores. Credit ½ hour.

PHYSICAL EDUCATION 202 (Men and Women). Advanced Technique.—In this course special attention is given to form, strategy, technique and execution. An attempt is made to develop the highest possible skill in the activity so that the student can successfully participate in this activity in later life. Required of all Sophomores. Credit ½ hour.

PHYSICAL EDUCATION 213-214. Modern Dance.—Open to those seriously interested in advanced techniques in modern dance and in doing original work in dance composition under direction. Required of Women Majors. Credit 1 hour each course.

PHYSICAL EDUCATION 221. Health and Safety Education.—The teaching of home, transportation, industrial, and recreational safety and methods of teaching health information, lesson planning, correlation of health with other school subjects. Required of all Majors. Credit 4 hours.

PHYSICAL EDUCATION 222. Theory and Practice of Organized Play.—Discussion of the theories of play and methods of organization, technique of game conduct, proper placement of games as to age, equipment, variation of games, incentives. Required of all Majors. Credit 3 hours.

PHYSICAL EDUCATION 231. Materials and Methods for the Elementary School.—Materials and methods in Physical Education of the informal type. Story plays, rhythms, dramatics, guessing games, stunts, and curriculum construction on the elementary level. Required of all Majors. Credit 3 hours.

PHYSICAL EDUCATION 232. General Physiology.—The study of the functions of the human body with special emphasis on the peripheral and central nervous systems, the skeletal and muscle systems. Prerequisite: One semester of Chemistry. Required of all Majors. Credit 3 hours.

PHYSICAL EDUCATION 241-242. Minor Sports (Men and Women).—A continuation of the Minor Sports course, designed to bring the student up as close to the expert level as possible in performing the necessary skills in the minor sports program. With more emphasis upon the theory of each activity. Required of all Majors. Credit 1 hour each course.

PHYSICAL EDUCATION 301. Practice (Technique).—Practice given to majors as squad leaders in 101, and techniques and methods of tennis, football, touch-football, speedball, and volley ball. Required of Men Majors. Credit 3 hours.

PHYSICAL EDUCATION 301A. Practice (Technique).—Practice given to majors as squad leaders in 101, and techniques and methods of tennis, speedball, hockey, volley ball, and soccer. Required of Women Majors. Credit 2 hours.

PHYSICAL EDUCATION 302. Materials and Methods for Junior and Senior High Schools.—The problem, activities, lesson planning, objective, grading, teaching and construction of curricula. Required of all Majors. Credit 3 hours.

PHYSICAL EDUCATION 303. Coaching Methods—Basketball.—Theory and practice of team play in Basketball with emphasis being put upon the latest systems. Credit 3 hours.

PHYSICAL EDUCATION 304. Coaching Methods—Track & Field Events.—This course is designed to acquaint the student with both theory and practice in the skills and techniques needed for successfully coaching a track team. Students will get practical work in the organization and conducting of a track and field meet. Credit 3 hours.

PHYSICAL EDUCATION 311. Human Anatomy.—The gross anatomy of the body with emphasis on the nervous, muscular, and skeletal systems. Prerequisite: General Physiology. Required of all Majors. Credit 3 hours.

PHYSICAL EDUCATION 312. Practice (Technique).—Practice given to majors in 102, and techniques and methods for basketball, tumbling, badminton, paddle tennis, track and field, and softball. Majors only. Required of Men Majors. Credit 3 hours.

PHYSICAL EDUCATION 312A. Practice (Technique).—Practice given to majors in 102, and techniques and methods for basketball, tumbling, badminton, paddle tennis, softball, and archery. Majors only. Required of Women Majors. Credit 2 hours.

PHYSICAL EDUCATION 321. Organization and Administration of Intramural program.—History, present status, objectives, administration, and organization of units of competition, activities, schedule making, scoring and awards. Credit 2 hours.

PHYSICAL EDUCATION 331-332. Kinesiology.—A study of the musculature and bone structure of the body in relationship to the science of movement, joint mechanisms, leverage, and muscle actions. Required of all Majors. Credit 3 hours each course.

PHYSICAL EDUCATION 401. Tests and Measurements.—The theory of measurement in physical education including construction of knowledge test, the measuring of motor capacity, sports, strength and physical fitness. Required of all Majors. Credit 3 hours.

PHYSICAL EDUCATION 402. Observation and Directed Teaching
—Designed to give the student, through observation, participation, and classroom teaching, experience in the teaching of Physical Education and the development of classroom responsibilities. Credit 9 hours.

PHYSICAL EDUCATION 403. Coaching Methods in Football.—Effective methods of coaching this sport with emphasis being put upon the latest systems. Credit 3 hours.

PHYSICAL EDUCATION 421. Organization and Administration of Health & Physical Education Program.—A consideration of what should be included in a well balanced school health program. Special attention given to instructional courses, physical examinations, records, follow up, school lunch, environment and seating. Required of all Majors. Credit 3 hours.

PHYSICAL EDUCATION 443. Organization of Playgrounds and Recreation.—Deals with city problems as related to play and recreation, city planning, powers and abilities, programs, leagues, tournaments, equipment and supplies, and public relations. Credit 3 hours.

DEPARTMENT OF MUSIC

The main objective of all courses offered in the Department of Music is the development of a high level of musicianship in all students enrolling in the department and the preparation of these students for satisfactory teaching of music in the public schools.

Students studying music have excellent opportunities to obtain practical experience from the various vocal and instrument groups—the band, orchestra and student recitals, all of which are integral parts of campus activities. For practice fees, please refer to student fees and expenses.

COURSE DESCRIPTION

MUSIC 101-102. Public School Music.—A course in the rudiments of Music. A review in note reading and in definition of musical terminology. Credit 3 hours for each course.

MUSIC 111-112. Applied Music.—Piano. Credit, 2 hours for each course.

MUSIC 141-142. Applied Music.—Organ. Credit, 2 hours for each course.

MUSIC 151-152. Applied Music.—Voice. Credit, 2 hours for each course.

MUSIC 161-162. Applied Music.—Violin. Credit, 2 hours for each course.

MUSIC 201. Ear Training and Sightsinging.—A study of interval relationship. Sight singing from text and supplementary books. Prerequisite: Music 102. Credit 2 hours.

MUSIC 202. Ear Training and Sightsinging.—Continuation of 201. Advanced sightsinging. Prerequisite: Music 201. Credit 2 hours.

MUSIC 211-212. Applied Music.—Piano. Credit 2 hours for each course.

MUSIC 221. Harmony I.—A study of the fundamental rules of harmony. A study of the harmonies of major and minor keys. Prerequisite: Music 102. Credit 3 hours.

MUSIC 222. Harmony II.—Continuation of Music 221. A study of inversions—figured basses and modulations. Prerequisite: Music 221. Credit 3 hours.

MUSIC 231. Music in Elementary Grades.—Methods of teaching vocal music in grades one to six including the treatment of the child voice—rote singing and sightsinging. Prerequisite: Music 102. Credit 3 hours.

MUSIC 232. Methods of Teaching in Junior and Senior High Schools.—An analysis of the problems peculiar to these grades. Study of organization of musical organization found in Junior and Senior High Schools. Prerequisite: Music 231. Credit 3 hours.

MUSIC 241-242. Applied Music.—Organ. Credit 2 hours for each course.

MUSIC 251-252. Applied Music.—Voice. Credit 2 hours for each course.

MUSIC 261-262. Applied Music.—Violin. Credit 2 hours for each course.

MUSIC 271. Music Appreciation.—A course designed to develop a genuine appreciation of the art of music. Examples of early works through the works of Beethoven are heard. Credit 3 hours.

MUSIC 272. Music Appreciation.—A continuation of Music 271 with emphasis placed upon the Romantic composers of the 19th century. The music of the "programme" composers and the music of the 20th century. Credit 3 hours.

MUSIC 301-302. History and Appreciation of Music.—The story of the development of music as an art. Recognition of major works both instrumental and vocal. A comparison of the development of music with that of the other arts. Credit 3 hours for each course.

MUSIC 311-312. Applied Music.—Piano. Credit 2 hours for each course.

MUSIC 321. Harmony.—*Advanced Harmony.* A study of chromatic harmony. A study of altered chords. Prerequisite: Music 222. Credit 3 hours.

MUSIC 322. Harmony. Advanced Harmony. An introduction to harmonic analysis and form. Prerequisite: Music 321. Credit 3 hours.

MUSIC 331. Band and Orchestral Conducting.—A course designed to give the fundamentals of band and orchestral conducting. It gives a survey of band and orchestral literature with attention to arrangement of programs. Prerequisite: Music 222 and 232. Credit 2 hours.

MUSIC 332. Choral Conducting.—Designed to acquaint the student with the problems and techniques used in conducting the chorus. Rehearsal routine and selection of repertoire are included. Students are given opportunity to conduct choral organizations of the college. Credit 2 hours.

Music 341-342. Applied Music.—Organ. Credit 2 hours for each course.

Music 351-352. Applied Music.—Voice. Credit 2 hours for each course.

Music 361-362. Applied Music.—Violin. Credit 2 hours for each course.

Music 371-372. Instruments.—A study of the strong, woodwind, brass, and percussion instruments of the orchestra and band. Required of students interested in band and school orchestra organizations. Credit 1 hour for each course.

MUSIC 391-392. Piano Class for Elementary Education Majors.—A course designed to give the student fundamental knowledge of piano technique. Required of all students majoring in Elementary Education. Credit 2 hours for each course.

MUSIC 381-382. Voice Class for Elementary Majors.—Fundamentals of voice culture. A course designed to give the student the correct method of singing. Credit 1 hour for each course.

Music 411-412. Applied Music.—Piano. Credit 2 hours for each course.

MUSIC 421-422. Counterpoint.—Simple counterpoint. The study of the art of combining two or more melodies of equal melodic individuality. A study of the five species of simple counterpoint. Prerequisite: Music 222. Credit 2 hours for each course.

MUSIC 441-442. Applied Music.—Organ. Credit 2 hours for each course.

MUSIC 451-452. Applied Music.—Voice. Credit 2 hours for each course.

MUSIC 461-462. Applied Music.—Violin. Credit 2 hours for each course.

MUSIC 471-472. Orchestration. Arrangement for school orchestra and band. Projects taken from choral and piano composition. Prerequisite: Music 221. Credit 3 hours for each course.

EXTENSION INSTRUCTION

PURPOSE

Kentucky State College through extension instruction seeks to provide study for adults who have not pursued all or part of a college curriculum, or having had a part of it, desire to continue such a curriculum.

THE CURRICULUM.—The courses offered in extension differ little, if at all, from those required of the regular students of the college. The general rule is to offer through extension only what is found in the general program of the college, especially if credit toward a degree is involved.

THE FACULTY.—The ordinary practice is to engage members of the regular teaching staff for extension instruction on the basis of additional compensation.

TEXTBOOKS.—Usually the ordinary college textbooks are used for extension classes, but occasionally there is a substitution of a textbook in which the materials are given a more popular or less technical treatment.

PROCEDURE.—It is understood that extension classes are to meet at times and places most convenient for the students and instructors, such places to be furnished by the extension students. Certain classes may be held on the college campus without additional cost to the students.

FEES AND CREDIT.—The extension student enrolls separately for each course he wishes to pursue, and pays for it as a unit. Credit is based on an hour for hour plan as in residence, and extension classes must conform as nearly as practicable to the semester organization of the institution. The general tuition fee is \$22.50 for one semester hour. The minimum total tuition fees collected from